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PART VI

ENVIRONMENTAL PROTECTION AGENCY

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CONTROL OF AIR POLLUTION FROM NEW MOTOR VEHICLES AND NEW MOTOR VEHICLE ENGINES

Federal Certification Test Results for 1977 Model Year

ENVIRONMENTAL PROTECTION AGENCY

[FRL 740-8]

CONTROL OF AIR POLLUTION FROM NEW MOTOR VEHICLES AND NEW MOTOR VEHICLE ENGINES

Federal Certification Test Results for 1977 Model Year

Section 206(e) of the Clean Air Act, as amended (42 U.S.C. 18157f-5(e)), directs the Administrator of the Environmental Protection Agency to announce in the the FEDERAL REGISTER the results of certification tests conducted on new motor vehicles and new motor vehicle engines to determine conformity with Federal standards for the control of air pollution cause by motor vehicles.

FEDERAL EMISSION STANDARDS

The regulations that apply to the control of emissions from 977 model year vehicles, appearing at 40 CFR part 86, set maximum allowable emission levels for new gasoline-fueled and Diesel heavy-duty engines (for use in trucks and buses), gasoline-fueled and Diesel light-duty vehicles (passenger cars), and gasoline-fueled and Diesel light-duty trucks. Gasoline-fueled and Diesel heavy-duty engines are required to meet emission standards of 16 grams per brake-horsepower hour (gm/BHP-hr.) for hydrocarbons (unburned gasoline) plus oxides of nitrogen (measured as NO_2) and 40 gms./BHP-hr. for carbon monoxide (a poisonous gas). In addition, Diesel heavy- duty engines must meet Federal smoke emission standards of 20 percent opacity during acceleration, 15 percent opacity during lugging, and 50 percent opacity during the peaks in either the acceleration or lugging mode. The opacity standards limit the darkness of the exhaust smoke to a light gray haze.

Federal exhaust emission standards allow 1977 gasoline-fueled and Diesel light-duty vehicles to emit no more than 1.5 grams per mile (gms./mi.) of hydrocarbons, 15 gms./mi. of carbon monoxide and 2.0 gms./mi. of oxides of nitrogen from from the tailpipe. Light-duty trucks (less than 6,000 pounds GVWR) are allowed to emit no more than 2.0 gms./mi. of hydrocarbons, 20 gms./mi. of carbon monoxide, and 3.1 gms./mi. of oxides of nitrogen. The standards for gasoline-fueled vehicles prohibit all crankcase-emissions and limit the loss of gasoline by evaporation from the carburetor and fuel tank to no more than 2.0 gms. per test.

Light-duty vehicles and light-duty trucks intended for sale at altitudes above 4,000 feet are required to demonstrate compliance with emission standards when operated at elevated altitudes. Therefore, certain vehicles were tested at high altitude. (one test required per engine family). These test vehicles are designated by an "H" preceding the model name in the listing below. The car lines that the test cars represent may be sold at high altitudes and are designated in the same manner.

The State of California exhaust emission standards (established under a waiver granted under Section 209 of the Clean Air Act) allow 1977 gasoline-fueled light-duty vehicles to emit no more than 0.41 gms./mi. of hydrocarbons, 9 gms./mi. of carbon monoxide, and 1.5 gms./mi. of oxides. Gasoline-fueled light-duty trucks must emit no more than 0.9 gms./mi. of hydrocarbons, 17 gms./mi. of carbon monoxide, and 2.0 gms./mi. of oxides of nitrogen. The EPA does not require that a vehicle meet the stricter California standards in order to obtain Federal certification. The test vehicles and car lines that are designed to meet the California standards are identified in the listing below by an asterisk preceding the model year.

FEDERAL CERTIFICATION PROCEDURES

Under the provisions of the Clean Air Act, it is unlawful to offer for sale new motor vehicles which are not in conformity with Federal regulations. Prior to the beginning of each model year, automobile manufacturers apply to the Administrator of the Environmental Protection Agency for a certificate of conformity for each model they wish to produce for that model year. The Federal regulations prescribe a number of requirements which a manufacturer must meet before the Administrator will grant a certificate of conformity.

Prior to production, the manufacturers are required to provide the Administrator with extensive test data demonstrating the effectiveness and durability of the emission control systems over the useful life of the vehicles (50,000 miles). The data is collected from prototype test vehicles that are selected and tested in accordance with EPA regulations. In addition to the submission of test data on prototype test vehicles, the manufacturers are required to deliver the test vehicles to the Federal Testing Laboratory at Ann Arbor, Michigan (or to Denver, Colorado for high altitude testing). At these facilities, the vehicles are retested to assure conformity with the regulations.

The Federal emission test procedure for light-duty vehicles and light-duty trucks is designed to simulate two average trips of 7.5 miles in an urban area. The vehicle is operated on a chassis dynamometer through a specified driving schedule. The first trip begins with a cold engine start-up, and the second trip begins with a hot engine start-up. There is a ten minute interval between trips. The cold operation trip is weighted 43% and the hot operation trip 57% to reflect the fact that 2 of the 4.6 trips made by the average vehicle each day are begun from a cold start.

As noted previously, the regulations require a manufacturer to test a selection of prototype vehicles, as designated by the Administrator, which will represent the models to be sold. These vehicles are grouped into two separate fleets. The emission-data fleet vehicles are tested after the accumulation of 4,000 miles. The purpose of the emission-data fleet is to determine the stabilized emission levels of new motor vehicles. The second fleet, known as the durability fleet, is made up of prototype vehicles which are driven for 50,000 miles and tested every 5,000 miles. The durability fleet is tested in order to establish "deterioration factors" which are adjustments that account for the decrease in an emission control system's efficiency over its expected useful life. The deterioration factors enable the Administrator to predict a motor vehicle's emission levels at 50,000 miles based upon its measured levels at 4,000 miles. The test data from the two fleets are then combined, in accordance with the procedures specified in the regulations, to determine whether the emission-data vehicle would be in compliance with emission standards over the expected useful life of the vehicle. If all the motor vehicles in an engine family so tested are found to conform with the regulations, the manufacturer is granted a certificate of conformity.

The same procedure is applicable to heavy-duty engines, except that emission-data heavy-duty engines accumulate 125 hours of service on an engine dynamometer before the emission test, and durability gasoline-fueled heavy-duty engines and durability Diesel heavy-duty engines accumulate 1,500 and 1,000 hours of service, respectively.

FEDERAL CERTIFICATION DATA

Listed below are the emission levels of each light-duty vehicle and truck and heavy-duty engine which was tested as an emission data vehicle or engine, as adjusted by the deterioration factors discussed above.

The vehicles listed represent all of the models and configurations certified as of April 15, 1977 and the engines listed represent all of the models and configurations certified as of April 10, 1977.

The emission data listed below were obtained from the original emission data vehicles and engines. In some cases, manufacturers have submitted requests to perform "running changes" on already certified configurations. EPA has authorized manufacturers to make such running changes if the review of the test data and technological information has shown that the proposed modifications do not cause the vehicles or engines to exceed the standards. The data listed below do not indicate the effect of running changes, except for those running changes which added a new car line to a previously certified family, or those which added a new car line or a family to those certified for sale at high altitudes.

Fuel economy information is not included in this publication. Fuel economy information of 1977 cars and light trucks is available by writing for the EPA/FEA 1977 Gas Mileage Guide at: Fuel Economy, Pueblo, Colorado 81009. The 1977 Gas Mileage Guide is also available at new car dealer showrooms.

The various systems that comprise the test vehicles' exhaust emission control systems are listed individually under

emission control system and are abbreviated as:

AIR, AI = air injection
ACS = air cleaner storage
CAN = canister storage
CRK = crankcase storage
DBC = dual bed catalyst
EGR, EG = exhaust gas recirculation
FI = fuel injection
OC = oxidation catalyst
RC = reduction catalyst
TR = thermal reactor
TWC = three-way catalyst
OTR, OT = other (in the case of General Motors vehicles, "OTR" and "OT" mean early fuel evaporation (EFE))

This publication should not be construed as an endorsement by the Environmental Protection Agency of any manufacturer's vehicles or engines.

Dated: May 27, 1977.

EDWARD F. TUERK,
Acting Assistant Administrator.

1977 Model Year Heavy-Duty Diesel Engines

Manufacturer	Engine Family: Engine Air Aspiration	Engine Family: Family Designation	Test Engines: Model	Test Engines: Rated H.P.	Test Engines: Maximum Torque	Certification Levels: Exhaust Emissions: Hydrocarbons + NOx GM/BHP-HR	Certification Levels: Exhaust Emissions: Carbon Monoxide GM/BHP-HR	Certification Levels: Smoke Emissions: Accel (%)	Certification Levels: Smoke Emissions: Lug (%)	Certification Levels: Smoke Emissions: Peak (%)
Allis-Chalmers	T.I.	1-HDD	25000	400	1160	15	2	12	5	18
	T.I.	1-HDD	25000	400	1160	14	3	12	7	20
		Deterioration Factors				0.13	0.75	0.0	0.85	0.0
Caterpillar	N.A.	3	3208	210	485	9	5	7	5	19
			3208	210	485	9	6	7	8	23
		Deterioration Factors				0.18	0.16	0	0	1.33
	T.C.	4	3306	250	690	6	1	9	7	15
			3306	250	690	6	1	11	6	21
		Deterioration Factors				0.08	0	0	0.21	0
	T.C. & A.C.	7	1693	425	1275	5	1	17	3	24
			1693	425	1275	5	1	17	2	25
		Deterioration Factors				0	0.01	2.86	0	4.32
	T.C.	9	3406	325	970	7	1	13	6	21
		Deterioration Factors				0.92	0	1.34	0	0.08
	T.C. & A.C.	10	3406	375	1145	6	1	18	4	26
		Deterioration Factors				0.69	0	0.96	0.86	0
	T.C.	11	3406	325	1015	10	3	12	10	17
		Deterioration Factors				0.46	0	0	0.82	0.45

1977 Model Year Heavy-Duty Diesel Engines

Manufacturer	Engine Family: Engine Air Aspiration	Engine Family: Family Designation	Test Engines: Model	Test Engines: Rated H.P.	Test Engines: Maximum Torque	Certification Levels: Exhaust Emissions: Hydrocarbons + NOx GM/BHP-HR	Certification Levels: Exhaust Emissions: Carbon Monoxide GM/BHP-HR	Certification Levels: Smoke Emissions: Accel (%)	Certification Levels: Smoke Emissions: Lug (%)	Certification Levels: Smoke Emissions: Peak (%)
Caterpillar	T.C. & A.C.	12	3408	450	1350	6	1	19	6	26
		Deterioration Factors				0.04	0.19	1.31	0	0
	T.C.	15	3408	400	1225	9	3	14	9	18
		Deterioration Factors				0	0.12	0.30	0.57	0.04
	N.A.	13	3208	200	490	5	8	6	7	17
		Deterioration Factors				0	0.98	1.06	0.22	4.0
	T.C. & A.C.	14	3306	245	820	5	2	16	10	28
		Deterioration Factors				0	0	2.71	2.70	3.04
Cummins	N.A.	091	NH-230	220	644	8	5	6	6	6
			NH-230	220	644	9	5	7	6	10
			NHC-250	240	654	8	4	8	10	11
		Deterioration Factors				0.47	0	0	0	0
	T.C.	092	NTF-365	365	957	12	3	8	3	11
		Deterioration Factors				0	0	0	0	0
	T.C.	092A	NTC-290	290	930	9	4	17	3	31
		Deterioration Factors				0	0.24	1.22	1.55	0
	T.C. & A.C.	093A	NTC-350	350	1006	12	3	15	5	19
		Deterioration Factors				1.20	0.10	0	1.14	0

1977 Model Year Heavy-Duty Diesel Engines

Manufacturer	Engine Family: Engine Air Aspiration	Engine Family: Family Designation	Test Engines: Model	Test Engines: Rated H.P.	Test Engines: Maximum Torque	Certification Levels: Exhaust Emissions: Hydrocarbons + NOx GM/BHP-HR	Certification Levels: Exhaust Emissions: Carbon Monoxide GM/BHP-HR	Certification Levels: Smoke Emissions: Accel (%)	Lug (%)	Peak (%)
Cummins	T.C. & A.C.	093C	NTA-400	400	1150	9	3	19	4	22
		Deterioration Factors				0	0.09	0	0	0
	T.C. & A.C.	093D	NTCC-350	350	1006	9	3	18	7	22
		Deterioration Factors				0	0.47	5.48	2.25	6.1
	T.C.	172A	VT-350	350	848	9	2	15	6	19
		Deterioration Factors				0	0	0	0	0
	T.C.	172B	VT-903	320	805	10	3	16	5	23
			VT-903	320	805	9	3	18	4	26
		Deterioration Factors				0	0	0	0	0
	T.C.	192B	KT-450	450	1350	9	1	9	1	16
		Deterioration Factors				0	0	0	0	0
	N.A.	201	V6-155	149	289	11	11	12	10	17
		Deterioration Factors				2.03	2.32	0	0	0
	N.A.	211	V8-210	202	387	11	7	10	6	19
			V8-210	202	387	12	8	9	7	12
		Deterioration Factors				0.77	0	0	0	0
	N.A.	221	V-555	216	425	9	5	12	14	17
			V-555	216	425	10	5	10	11	13
		Deterioration Factors				0	0.43	3.12	3.65	3.39

1977 Model Year Heavy-Duty Diesel Engines

Manufacturer	Engine Family: Engine Air Aspiration	Engine Family: Family Designation	Test Engines: Model	Test Engines: Rated H.P.	Test Engines: Maximum Torque	Certification Levels: Exhaust Emissions: Hydrocarbons + NOx GM/BHP-HR	Certification Levels: Exhaust Emissions: Carbon Monoxide GM/BHP-HR	Certification Levels: Smoke Emissions: Accel (%)	Lug (%)	Peak (%)
Cummins	T.C.	222	VT-555	240	445	9	2	15	7	18
		Deterioration Factors				1.96	0	0	0	0
	T.C.	092B	NTCC-290	290	930	8	2	8	1	14
		Deterioration Factors				0.95	0.16	0	0.24	0
	T.C. & A.C.	093E	NTC-400	400	1150	10	4	16	2	20
		Deterioration Factors				0.39	0.90	0.47	0	0
	T.C. & A.C.	093F	NTCC-350	350	1065	7	2	13	3	18
			NTCC-350	350	1065	7	2	14	3	21
		Deterioration Factors				0.12	0	0	1.55	0
	T.C. & A.C.	193	KTA-600	600	1650	11	1	10	1	18
		Deterioration Factors				1.02	0	0	0	0
GM	N.A.	4L-53N	4L-53N	136	282	12	11	10	8	24
				117	270	13	12	15	11	34
		Deterioration Factors				1.76	0.71	4.50	1.01	14.54
	N.A.	6V-53N	6V-53N	210	440	14	9	7	5	17
				210	440	14	7	13	6	32
		Deterioration Factors				2.64	0	0	0	3.02
	N.A.	6V-71N	6V-71N	250	610	14	13	15	9	28

1977 Model Year Heavy-Duty Diesel Engines

Manufacturer	Engine Family: Engine Air Aspiration	Engine Family: Family Designation	Test Engines: Model	Test Engines: Rated H.P.	Test Engines: Maximum Torque	Certification Levels: Exhaust Emissions: Hydrocarbons + NOx GM/BHP-HR	Certification Levels: Exhaust Emissions: Carbon Monoxide GM/BHP-HR	Certification Levels: Smoke Emissions: Accel (%)	Certification Levels: Smoke Emissions: Lug (%)	Certification Levels: Smoke Emissions: Peak (%)
M				183	510	11	5	5	3	10
				250	610	12	11	19	11	32
		Deterioration Factors				0.12	0.37	3.22	1.62	7.45
	N.A.	12V-71N	12V-71N	456	1200	11	9	18	6	36
		Deterioration Factors				0	0.43	3.69	0	7.81
	T.C.	6L-71T	6L-71T	220	772	11	3	10	3	18
				238	703	14	2	3	0	8
		Deterioration Factors				0.93	0	0.36	0	1.87
	N.A.	8V-71N Coach	8V-71N Coach	262	730	11	4	3	4	5
		Deterioration Factors				0.39	0	1.28	2.63	2.73
	T.C. & A.C.	8V-717AE	8V-71TAE	318	941	9	2	14	2	21
				305	1064	9	3	16	4	28
		Deterioration Factors				0.35	0	0	0.37	0
	N.A.	8V-71N	8V-71N	333	814	12	9	14	7	28
				253	734	12	6	5	3	9
		Deterioration Factors				1.21	0	1.94	0	2.44
	N.A.	6V-71N Coach	6V-71N Coach	183	530	14	4	2	2	2
		Deterioration Factors				0.10	0	0	0	0
	N.A.	6L-71N	6L-71N	250	610	12	14	19	15	30

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1977 Model Year Heavy-Duty Diesel Engines

Manufacturer	Engine Family: Engine Air Aspiration	Engine Family: Family Designation	Test Engines: Model	Test Engines: Rated H.P.	Test Engines: Maximum Torque	Certification Levels: Exhaust Emissions: Hydrocarbons + NOx GM/BHP-HR	Certification Levels: Exhaust Emissions: Carbon Monoxide GM/BHP-HR	Certification Levels: Smoke Emissions: Accel (%)	Certification Levels: Smoke Emissions: Lug (%)	Certification Levels: Smoke Emissions: Peak (%)
				189	550	14	6	4	2	8
		Deterioration Factors				1.44	0	0	0	0
	T.C. & A.C.	8V-92TA	8V-92TA	413	1208	9	2	10	1	19
				400	1152	9	2	8	1	15
		Deterioration Factors				0.89	0.39	0.40	0	0.88
	T.C.	8V-71T	8V-71T	305	1038	12	5	12	4	14
				308	865	13	5	9	3	12
		Deterioration Factors				0.92	0	0.60	0.22	0.52
	N.A.	6V-92	6V-92	285	768	12	15	13	13	21
		Deterioration Factors				0	0	0.21	0	5.61
	N.A.	8V-92	8V-92	350	1025	14	7	11	8	17
		Deterioration Factors				0.23	0	2.85	1.99	3.36
	T.C.	6V-92T	6V-92T	335	958	12	3	9	1	16
				270	958	11	2	7	2	10
		Deterioration Factors				0.79	0	0	0.04	0
	T.C.	8V-92T	8V-92T	430	1186	12	4	12	3	31
				365	1223	12	5	20	8	39
		Deterioration Factors				1.08	0.35	0.80	0.64	9.58
	T.C. & A.C.	6V-92TA	6V-92TA	310	914	7	2	12	5	21

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1977 Model Year Heavy-Duty Diesel Engines

Manufacturer	Engine Family: Engine Air Aspiration	Engine Family: Family Designation	Test Engines: Model	Test Engines: Rated H.P.	Test Engines: Maximum Torque	Certification Levels: Exhaust Emissions: Hydrocarbons + NOx GM/BHP-HR	Certification Levels: Exhaust Emissions: Carbon Monoxide GM/BHP-HR	Certification Levels: Smoke Emissions: Accel (%)	Certification Levels: Smoke Emissions: Lug (%)	Certification Levels: Smoke Emissions: Peak (%)
GM				274	826	6	2	15	2	31
		Deterioration Factors				0.20	0	0.19	0	0
IHC	T.C.	V-800	350"A"	350	820	12	5	15	8	31
		Deterioration Factors				0.41	0	0	0	0
	N.A.	DV-550	190"A"	190	360	12	7	12	12	18
			190"A"	190	360	12	7	14	12	24
		Deterioration Factors				0.49	0	2.44	1.37	4.79
	T.C.	DT-466	215	215	515	11	3	18	10	21
			215	215	515	15	3	12	6	17
			190CA	190	464	8	3	12	8	17
		Deterioration Factors				0	0.71	4.65	2.06	6.69
	T.C.	DTI-466B	215	215	499	10	2	12	6	16
			210	210	487	7	1	9	3	13
		Deterioration Factors				0	0	0	0	0
Isuzu	N.A.	4BB1	4BB1A	80	153	8	5	8	9	11
		Deterioration Factors				0	0	3.26	3.29	4.62
	N.A.	6BB1	6BB1A	120	224	11	4	7	7	7

1977 Model Year Heavy-Duty Diesel Engines

Manufacturer	Engine Family: Engine Air Aspiration	Engine Family: Family Designation	Test Engines: Model	Test Engines: Rated H.P.	Test Engines: Maximum Torque	Certification Levels: Exhaust Emissions: Hydrocarbons + NOx GM/BHP-HR	Certification Levels: Exhaust Emissions: Carbon Monoxide GM/BHP-HR	Certification Levels: Smoke Emissions: Accel (%)	Certification Levels: Smoke Emissions: Lug (%)	Certification Levels: Smoke Emissions: Peak (%)
Isuzu		Deterioration Factors				0	0.04	0.97	0	0
Mack	N.A.	1	END673E	180	540	13	7	10	11	14
				180	540	13	7	10	12	14
		Deterioration Factors				1.31	0.87	0	0.16	0
	T	3A	END(B) 673C	250	700	16	2	14	4	25
		Deterioration Factors				0	0	1.40	0	2.78
	T	3B	END(B) 675	235	906	14	1	17	10	34
		Deterioration Factors				0.23	0	0	0	3.50
	T	3C	END(B) 675C	235	906	9	2	19	9	35
		Deterioration Factors				0.32	0.28	2.10	0	3.61
	T	3D	END(B) F673C	280	721	13	4	14	6	21
				280	721	15	4	14	6	20
		Deterioration Factors				0	0.18	0.13	0.09	0
	T	3D	ET(B)673	260	775	13	2	6	5	11
		Deterioration Factors				0.53	0	0.06	0	0.60
	T	6B	END(B) 865	322	1100	13	3	11	15	14
		Deterioration Factors				0.46	0.14	0	1.56	0
	TI	7	ETAZ 676A	298	1130	9	2	15	12	30

1977 Model Year Heavy-Duty Diesel Engines

Manufacturer	Engine Family: Engine Air Aspiration	Engine Family: Family Designation	Test Engines: Model	Test Engines: Rated H.P.	Test Engines: Maximum Torque	Certification Levels: Exhaust Emissions: Hydrocarbons + NOx GM/BHP-HR	Certification Levels: Exhaust Emissions: Carbon Monoxide GM/BHP-HR	Certification Levels: Smoke Emissions: Accel (%)	Lug (%)	Peak (%)
Mack	TI	7	ETAZ 676A	298	1130	9	2	14	11	28
		Deterioration Factors				0.44	0.29	0	0.72	0
	T	8	ETZ(B) 1005	353	1370	9	1	13	9	21
		Deterioration Factors				0.29	0	0.93	1.62	1.04
	TI	9	ETAY(B) 676	283	1080	8	2	11	13	16
		Deterioration Factors				1	0	0	2.13	0
Mercedes-Benz	N.A.	II	OM 314	80	170	9	5	4	6	6
		Deterioration Factors				1.49	0.68	0.53	1.17	1.29
	N.A.	III	OM 352	120	245	6	6	4	7	7
				120	245	13	7	4	5	6
		Deterioration Factors				0	2.11	1	1.79	1.70
	T.C.	IV	OM 352A	145	306	10	3	14	7	25
				145	306	12	3	13	6	23
		Deterioration Factors				0.36	0	0	0	0
Mitsubishi	N.A.	6DR5	6DR50A	103	168	6	3	10	9	14
		Deterioration Factors				0.5	0.4	0	0.3	0

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1977 Model Year Heavy-Duty Diesel Engines

Manufacturer	Engine Family: Engine Air Aspiration	Engine Family: Family Designation	Test Engines: Model	Test Engines: Rated H.P.	Test Engines: Maximum Torque	Certification Levels: Exhaust Emissions: Hydrocarbons + NOx GM/BHP-HR	Certification Levels: Exhaust Emissions: Carbon Monoxide GM/BHP-HR	Certification Levels: Smoke Emissions: Accel (%)	Lug (%)	Peak (%)
Nissan	N.A.	SD331	SD33	89	137	4	5	3	9	9
		Deterioration Factors				0.02	1.22	0	1.91	1.34
Perkins	N.A.	Perkins 7	6.247	98	163	7	5	14	12	22
		Deterioration Factors				0.53	0.76	6.36	6.10	8.97
	T.C.	Perkins 8	T6.3544	134	351	10	3	19	8	34
		Deterioration Factors*				0.3	0	0	0	0
Saab-Scania	T	S1B	EI477	210	510	13	2	7	2	16
		Deterioration Factors				0.38	0.23	0	0	0
Volvo	T.C.	TD60	TD60A	170	382	11	3	9	5	14
		Deterioration Factors				0.73	0.29	0	1.25	0
	T.C.	TD70	TD70E	205	492	13	5	18	6	31
		Deterioration Factors				0.64	0.09	2.80	0	6.42
White	T.C.	LDT-465	LDT-465-1C	134	335	10	3	16	10	21
				134	335	9	3	14	9	20
		Deterioration Factors				0	0	1.98	1.17	3.15

*Assigned Deterioration Factors

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1977 Model Year Gasoline Engines

Manufacturer	Engine Family Displacement (Cubic Inches)	Engine Family Family Designation	Test Engine Displacement (Cubic Inches)	Certification Levels Exhaust Emissions Hydrocarbons + NOx GM/BHP-HR	Certification Levels Exhaust Emissions Carbon Monoxide GM/BHP-HR
AMC	258	I-HD	258	12	7
		Deterioration Factors		0	0
	360, 401	III-HD	360	9	18
			401	8	31
			360	12	31
		Deterioration Factors		0	4.06
	360, 401	IV-HD	360	4	9
			401	6	11
		Deterioration Factors		0.97	7.15
Chrysler	225	RG	225	15	29
		Deterioration Factors		0.88	1.78
	318	LA	318	15	24
			318	14	29
		Deterioration Factors		0	3.30
	318	LA-C	318	5	4
		Deterioration Factors		0.76	0
	360	LA-1	360	16	15

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1977 Model Year Gasoline Engines

Manufacturer	Engine Family Displacement (Cubic Inches)	Engine Family Family Designation	Test Engine Displacement (Cubic Inches)	Certification Levels Exhaust Emissions Hydrocarbons + NOx GM/BHP-HR	Certification Levels Exhaust Emissions Carbon Monoxide GM/BHP-HR
Chrysler	360	LA-1	360	13	20
			360	6	8
		Deterioration Factors		0.296	0
	361	LB	361	15	24
		Deterioration Factors		0	2.09
	400	B	400	16	22
		Deterioration Factors		1.46	0.83
	413	RB	413	14	20
		Deterioration Factors		0	1.32
	440	RBM	440	8	11
			440	8	11
			440	16	23
		Deterioration Factors		2.11	3.25
Ford	300	300	300	7	10
			300	15	32
		Deterioration Factors		0	0
	351/400	351M/400(1CV7)	351	4	13
			400	5	7

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1977 Model Year Gasoline Engines

Manufacturer	Engine Family Displacement (Cubic Inches)	Engine Family Family Designation	Test Engine Displacement (Cubic Inches)	Certification Levels Exhaust Emissions Hydrocarbons + NOx GM/BHP-HR	Certification Levels Exhaust Emissions Carbon Monoxide GM/BHP-HR
Ford		Deterioration Factor		0	1.57
	351/400	351M/400	351	14	19
			400	11	28
		Deterioration Factor		0	3.03
	460	460	460	14	24
			460	6	13
		Deterioration Factor		0	0
		Deterioration Factor		0.01	0
	351	351W(1CV7)	351	5	3
		Deterioration Factor		0	2.38
	351	351W	351	15	31
		Deterioration Factor		0	0
	351/400	351M/400 EGR/AIR	351	6	16
			400	6	13
		Deterioration Factor		0	0
	477/534	477/534	477	16	37
			534	15	34
			477	7	19

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1977 Model Year Gasoline Engines

Manufacturer	Engine Family Displacement (Cubic Inches)	Engine Family Family Designation	Test Engine Displacement (Cubic Inches)	Certification Levels Exhaust Emissions Hydrocarbons + NOx GM/BHP-HR	Certification Levels Exhaust Emissions Carbon Monoxide GM/BHP-HR
Ford			534	5	18
		Deterioration Factor		0	0.53
		Deterioration Factor		0.29	5.87
	330/361/391	330/361/391	330	13	9
			361	14	26
			391	15	26
			361	13	12
			330	14	16
			330	7	23
			361	6	33
			391	6	26
		Deterioration Factor		0	1.49
		Deterioration Factor		0	4.73
	351	351W/EGR/AIR	351	5	13
		Deterioration Factor		0	0
	302	302	302	12	38
			302	13	29
		Deterioration Factor		0	0

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1977 Model Year Gasoline Engines

Manufacturer	Engine Family Displacement (Cubic Inches)	Engine Family Family Designation	Test Engine Displacement (Cubic Inches)	Certification Levels Exhaust Emissions Hydrocarbons + NOx GM/BHP-HR	Certification Levels Exhaust Emissions Carbon Monoxide GM/BHP-HR
GM	250	GM 111	250	12	25
		Deterioration Factor		1.37	0
	292	GM 112A	292	13	25
			292	9	15
			292	6	16
		Deterioration Factor		0	0.63
	305/350/400	GM 113	350	12	27
			400	13	35
			350	15	29
			305	15	26
		Deterioration Factor		2.49	7.67
	366/427	GM 114	366	13	32
			366	5	26
			427	14	26
			427	6	18
		Deterioration Factor		0.25	7.10
		Deterioration Factor		1.20	0
	454	GM 115	454	15	16

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1977 Model Year Gasoline Engines

Manufacturer	Engine Family Displacement (Cubic Inches)	Engine Family Family Designation	Test Engine Displacement (Cubic Inches)	Certification Levels Exhaust Emissions Hydrocarbons + NOx GM/BHP-HR	Certification Levels Exhaust Emissions Carbon Monoxide GM/BHP-HR
GM			454	8	16
		Deterioration Factor		1.37	0
		Deterioration Factor		0.65	6.11
	350/400	GM 113T	350	6	15
			350	7	20
			350	7	17
			400	7	20
		Deterioration Factor		0	4.20
	403	GM 317	403	13	28
		Deterioration Factor		0.35	0
	455	GM 115	455	14	18
		Deterioration Factor		0	0
IHC	196	4-196	196	14	21
		Deterioration Factor		0	3.10
	304	V-304	304	11	25
			304	8	34
		Deterioration Factor		0	0

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1977 Model Year Gasoline Engines

Manufacturer	Engine Family Displacement (Cubic Inches)	Engine Family Family Designation	Test Engine Displacement (Cubic Inches)	Certification Levels Exhaust Emissions Hydrocarbons + NOx GM/BHP-HR	Certification Levels Exhaust Emissions Carbon Monoxide GM/BHP-HR
IHC	345	V-345 Fed.	345	13	31
			345	15	26
		Deterioration Factor		3.45	0
	392	V-392 Fed.	392	14	31
		Deterioration Factor		0	7.57
	400/446	MV-8 Fed.	400	12	26
			400	15	23
			400	14	30
			446	12	23
		Deterioration Factor		0	3.61
	537	V-537 Calif.	537	7	18
		Deterioration Factor		1.22	0.79
	196	4-196C	196	7	16
		Deterioration Factor		1.12	1.47
	392	V-392C	392	8	17
			392	8	16
		Deterioration Factor		1.27	1.38
	400/446	MV-8 Calif.	400	8	26

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1977 Model Year Gasoline Engines

Manufacturer	Engine Family Displacement (Cubic Inches)	Engine Family Family Designation	Test Engine Displacement (Cubic Inches)	Certification Levels Exhaust Emissions Hydrocarbons + NOx GM/BHP-HR	Certification Levels Exhaust Emissions Carbon Monoxide GM/BHP-HR
IHC			400	8	21
			400	7	24
			446	6	21
		Deterioration Factor		0.53	4.83
	345	V-345C	345	6	18
			345	6	15
		Deterioration Factor		0	1.98
	537	V-537 Fed.	537	12	28
			537	11	21
		Deterioration Factor		0	9.82

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1977 MODEL YEAR LIGHT DUTY VEHICLES

MANUFACTURER FAMILY DESIGNATION (CU. IN. DISPLACEMENT) CARLINES COVERED	TEST VEHICLE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISP.& CARB. VEN- TURIS	TRANS. A N S	INERTIA WEIGHT CLASS (LBS.)	AXLE RATIO	CERTIFICATION LEVELS EXHAUST EMISSIONS (GRAMS/MILE) HYDRO-CARBONS	CARBON MON-OXIDE	OXIDES OF NITRO-GEN	EVAP EMIS- SIO (GMS/ TES HYDRO CARBO
ALFA ROMEO	*ALFETTA COUPE 116.15	AIR/FI /OC / /	/CRK 120-FI	M-5	3000	4.10	0.3	2	1.4	N/A
01615*A	*ALFETTA COUPE 116.15	AIR/FI /OC / /	/CRK 120-FI	M-5	3000	4.10	0.2	2	1.0	N/A
(120)	*2000 SPIDER	AIR/FI /OC / /	/CRK 120-FI	M-5	2750	4.55	0.2	3	0.7	N/A
*SPIDER VELOCE 2000										
*ALFETTA	(DETERIORATION FACTORS FOR -	AIR/FI /OC / /	/CRK FAMILY 01615*A				: 1.305	1.479	1.000	0.0
01629	2000 SPIDER 115.02	AIR/FI / / /	/CRK 120-FI	M-5	2750	4.55	1.4	15	1.0	N/A
(120)										
SPIDER VELOCE 2000	(DETERIORATION FACTORS FOR -	AIR/FI / / /	/CRK FAMILY 01629				: 1.021	1.035	1.000	0.0
AMERICAN MOTORS										
I-A	PACER	AIR/EGR/ / /	/CAN 232- 1	A	3500	2.73	1.2	8	2.0	N/A
(232.258)	HORNET WAGON	AIR/EGR/ / /	/CAN 232- 1	A	3500	2.53	1.0	10	1.9	N/A
GREMLIN	PACER	AIR/EGR/ / /	/CAN 256- 1	A	3500	2.73	1.2	12	2.0	N/A
PACER	GREMLIN	AIR/EGR/ / /	/CAN 258- 1	A	3000	3.08	1.2	12	1.4	N/A
PACER WAGON										
HORNET										
HORNET WAGON	(DETERIORATION FACTORS FOR -	AIR/EGR/ / /	/CAN FAMILY I-A				: 1.013	1.000	1.108	0.0
I-C	*HORNET WAGON	AIR/OC /EGR/ /	/CAN 232- 1	A	3500	3.08	0.3	4	0.9	0.
(232.258)	*PACER	AIR/OC /EGR/ /	/CAN 232- 1	A	3500	3.08	0.3	1	1.3	0.
*GREMLIN	*GREMLIN	AIR/OC /EGR/ /	/CAN 232- 1	M-4	3500	2.73	0.3	4	1.1	0.
*PACER	*PACER	AIR/OC /EGR/ /	/CAN 256- 1	A	3500	3.08	0.3	1	0.9	0.
*PACER WAGON	*GREMLIN	AIR/OC /EGR/ /	/CAN 258- 1	M-4	3500	2.73	0.3	2	1.0	0.
*HORNET										
*HORNET WAGON	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/ /	/CAN FAMILY I-C				: 1.000	1.000	1.000	0.0
I-1	PACER	AIR/OC /EGR/ /	/CAN 232- 1	A	3500	2.53	0.5	7	1.5	N/A
(232.258)	H PACER	AIR/OC /EGR/ /	/CAN 232- 1	A	3500	3.08	0.5	6	2.0	0.
H GREMLIN	PACER	AIR/OC /EGR/ /	/CAN 232- 1	M-3	3500	2.73	0.6	6	1.9	N/A
H PACER	GREMLIN	AIR/OC /EGR/ /	/CAN 232- 1	M-3	3000	2.73	0.5	9	1.7	N/A
H PACER WAGON	PACER	AIR/OC /EGR/ /	/CAN 258- 1	A	3500	2.73	0.4	4	1.4	N/A
H HORNET	MATADOR 2-DR	AIR/OC /EGR/ /	/CAN 258- 1	A	4000	3.15	0.4	5	2.0	N/A
H HORNET WAGON	GREMLIN	AIR/OC /EGR/ /	/CAN 258- 1	M-3	3000	2.73	0.6	6	1.6	N/A
MATADOR	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/ /	/CAN FAMILY I-1				: 1.203	1.070	1.000	0.0
I-2	HORNET WAGON	AIR/EGR/ / /	/CAN 258- 2	A	3500	2.53	1.0	13	1.3	N/A
(258)	PACER	AIR/EGR/ / /	/CAN 258- 2	A	3500	2.73	1.1	10	1.5	N/A
GREMLIN										

MANUFACTURER FAMILY DESIGNATION (CU. IN. DISPLACEMENT) CARLINES COVERED	TEST VEHICLE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISP.& CARB. VEN- TURIS	TRANS. A N S	INERTIA WEIGHT CLASS (LBS.)	AXLE RATIO	CERTIFICATION LEVELS EXHAUST EMISSIONS (GRAMS/MILE) HYDRO-CARBONS	CARBON MON-OXIDE	OXIDES OF NITRO-GEN	EVAP EMIS- SIO (GMS/ TES HYDRO CARBO
AMERICAN MOTORS (CONTINUED)										
PACER										
PACER WAGON										
HORNET										
HORNET WAGON	(DETERIORATION FACTORS FOR -	AIR/EGR/ / /	/CAN FAMILY I-2				: 1.000	1.000	1.000	0.00
I-2C	*PACER	AIR/OC /EGR/ /	/CAN 258- 2	A	3500	3.08	0.3	5	1.1	0.2
(258)										
*GREMLIN										
*PACER										
*PACER WAGON										
*HORNET										
*HORNET WAGON	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/ /	/CAN FAMILY I-2C				: 1.012	1.083	1.200	0.00
I-3	PACER SEDAN SUBST FOR WGN	AIR/OC /EGR/ /	/CAN 258- 2	M-3	3500	2.73	1.0	11	1.7	N/A
(258)	GREMLIN	AIR/OC /EGR/ /	/CAN 258- 2	M-4	3000	2.53	0.5	7	1.2	N/A
GREMLIN	PACER	AIR/OC /EGR/ /	/CAN 258- 2	M-4	3500	2.73	0.7	5	2.0	N/A
PACER	HORNET WGN	AIR/OC /EGR/ /	/CAN 258- 2	M-4	3500	2.53	0.5	4	1.4	N/A
PACER WAGON										
HORNET										
HORNET WAGON	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/ /	/CAN FAMILY I-3				: 1.385	1.418	1.000	0.00
II	MATADOR 4-DR	AIR/OC /EGR/ /	/CAN 304- 2	A	4500	2.87	1.0	15	1.5	N/A
(304)	MATADOR 2DR.	AIR/OC /EGR/ /	/CAN 304- 2	A	4500	3.15	0.7	12	1.4	N/A
HORNET	HORNET 2DR	AIR/OC /EGR/ /	/CAN 304- 2	A	3500	3.15	0.7	11	1.4	N/A
HORNET WAGON										
MATADOR										
MATADOR WAGON	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/ /	/CAN FAMILY II				: 1.488	2.231	1.000	0.00
II-C	*MATADOR	AIR/OC /EGR/ /	/CAN 304- 2	A	4500	3.15	0.3	3	1.0	0.9
(304)	*MATADOR 4DR	AIR/OC /EGR/ /	/CAN 304- 2	A	4500	3.15	0.4	4	0.9	0.2
*MATADOR										
*MATADOR WAGON	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/ /	/CAN FAMILY II-C				: 1.000	1.237	1.085	0.00
III	H MATADOR 4DR	AIR/OC /EGR/ /	/CAN 360- 2	A	4500	3.54	0.6	5	1.7	0.2
(360)	MATADOR 2DR	AIR/OC /EGR/ /	/CAN 360- 2	A	4500	3.15	0.6	10	1.3	N/A
H MATADOR	MATADOR 4DR	AIR/OC /EGR/ /	/CAN 360- 2	A	4500	2.87	0.5	7	1.3	N/A
H MATADOR WAGON	MATADOR WAGON	AIR/OC /EGR/ /	/CAN 360- 2	A	4500	3.15	0.5	11	1.2	N/A
	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/ /	/CAN FAMILY III				: 1.000	1.000	1.033	0.00

1977 MODEL YEAR LIGHT DUTY VEHICLES

MANUFACTURER / FAMILY DESIGNATION / (CU. IN. DISPLACEMENT) / CARLINES COVERED	TEST VEHICLE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISP. & CARB. VEN- DORS	T R A N S	INERTIA WEIGHT CLASS (LBS.)	AXLE RATIO	CERTIFICATION LEVELS EXHAUST EMISSIONS (GRAMS/MILE) HYDRO-CARBONS	CARBON MON-OXIDE	OXIDES OF NITRO-GEN	EVAP. EMIS. (GRAMS/TEST) HYDRO-CARB.
AMERICAN MOTORS (CONTINUED)										
III-C	*MATADOR-4DR	AIR/OC /EGR/ /	/CAN 360- 2	A	4500	3.15	0.4	3	1.0	1
(340)	*MATADOR-2DR	AIR/OC /EGR/ /	/CAN 360- 2	A	4500	3.15	0.3	2	0.9	0
*MATADOR	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/ /	/CAN FAMILY III-C				: 1.037	1.098	1.076	0.
V	GREMLIN	AIR/OC /EGR/ /	/CAN 121- 2	A	3000	3.31	0.6	10	1.1	0
(121)	*GREMLIN	AIR/OC /EGR/ /	/CAN 121- 2	A	3000	3.31	0.7	8	0.7	0
HORNET	GREMLIN	AIR/OC /EGR/ /	/CAN 121- 2	M-4	3000	3.31	0.9	10	1.3	0
	HORNET	AIR/OC /EGR/ /	/CAN 121- 2	M-4	3000	3.31	1.1	13	1.0	0
	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/ /	/CAN FAMILY V				: 1.245	1.063	1.000	0.
AUDI										
AUDI 80 C1	*AUDI FOX STATION WAGON	FI /OC /EGR/ /	/CAN 97-FI	A	2500	3.91	0.1	1	1.1	
(97)	M AUDI FOX STATION WAGON	FI /OC /EGR/ /	/CAN 97-FI	M-4	2500	3.91	0.2	2	1.1	
M FOX	*AUDI FOX SEDAN	FI /OC /EGR/ /	/CAN 97-FI	M-4	2500	4.11	0.1	1	0.8	
M FOX STATION WAGON	(DETERIORATION FACTORS FOR -	FI /OC /EGR/ /	/CAN FAMILY AUDI 80 C1				: 1.000	1.000	1.000	0.
AUDI 80 F1	AUDI FOX STATION WAGON	FI /EGR/ / /	/CAN 97-FI	A	2500	3.91	1.2	4	1.2	
(97)	M AUDI FOX STATION WAGON	FI /EGR/ / /	/CAN 97-FI	M-4	2500	4.11	1.5	6	1.5	
M FOX	AUDI FOX SEDAN	FI /EGR/ / /	/CAN 97-FI	M-4	2500	4.11	1.4	6	1.4	
M FOX STATION WAGON	(DETERIORATION FACTORS FOR -	FI /EGR/ / /	/CAN FAMILY AUDI 80 F1				: 1.134	1.000	1.000	0
100 C1	*AUDI 100 LS	FI /OC /EGR/ /	/CAN 114-FI	A	3000	3.91	0.2	3	6.9	N/
(114)	*AUDI 100 LS	FI /OC /EGR/ /	/CAN 114-FI	M-4	3000	4.11	0.2	2	1.2	N/
*100LS	(DETERIORATION FACTORS FOR -	FI /OC /EGR/ /	/CAN FAMILY 100 C1				: 1.016	1.007	1.000	0.
100 F1	AUDI 100 LS	FI /EGR/ / /	/CAN 114-FI	A	3000	3.91	1.4	6	1.6	N/
(114)	AUDI 100 LS	FI /EGR/ / /	/CAN 114-FI	M-4	3000	4.11	1.5	9	1.4	N/
100LS	(DETERIORATION FACTORS FOR -	FI /EGR/ / /	/CAN FAMILY 100 F1				: 1.000	1.000	1.000	0
AVANTI										
GM710J4-1	*AVANTI	OC /EGR/OTH/ /	/CAN 350- 4	A	4000	3.07	0.6	1	1.6	
(350)										
*AVANTI II	(DETERIORATION FACTORS FOR -	OC /EGR/OTH/ /	/CAN FAMILY GM710J4-1				: 1.217	1.000	1.000	0

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1977 MODEL YEAR LIGHT DUTY VEHICLES

MANUFACTURER / FAMILY DESIGNATION / (CU. IN. DISPLACEMENT) / CARLINES COVERED	TEST VEHICLE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISP. & CARB. VEN- DORS	T R A N S	INERTIA WEIGHT CLASS (LBS.)	AXLE RATIO	CERTIFICATION LEVELS EXHAUST EMISSIONS (GRAMS/MILE) HYDRO-CARBONS	CARBON MON-OXIDE	OXIDES OF NITRO-GEN	EVAP. EMIS. (GRAMS/TEST) HYDRO-CARB.
BMW										
BMW 120.A	*BMW 320TA	AIR/FI /THM/EGR/	/CAN 121-FI	A	2750	3.64	0.3	8	1.1	0.
(121)	*BMW 320I	AIR/FI /THM/EGR/	/CAN 121-FI	M-4	2750	3.64	0.2	6	1.0	0.
M320I	M BMW 320I	AIR/FI /THM/EGR/	/CAN 121-FI	M-4	2750	3.64	0.4	8	0.8	0.
	(DETERIORATION FACTORS FOR -	AIR/FI /THM/EGR/	/CAN FAMILY BMW 120.A				: 1.000	1.000	1.000	0.0
BMW 120.B	BMW 320IA	AIR/FI /EGR/ /	/CAN 121-FI	A	2750	3.64	1.0	9	1.3	0.
(121)	BMW 320I	AIR/FI /EGR/ /	/CAN 121-FI	M-4	2750	3.64	1.1	9	1.5	0.
M 320I	M BMW 320I	AIR/FI /EGR/ /	/CAN 121-FI	M-4	2750	3.64	1.1	15	1.5	0.
	(DETERIORATION FACTORS FOR -	AIR/FI /EGR/ /	/CAN FAMILY BMW 120.B				: 1.000	1.000	1.000	0.0
BMW 130.A	*BMW 630 CSIA	AIR/FI /THM/EGR/	/CAN 182-FI	A	3500	3.45	0.2	5	1.1	0.
(182)	BMW 630 IA	AIR/FI /THM/EGR/	/CAN 182-FI	A	3500	3.45	0.4	15	1.4	0.
*630I	*BMW 630 I	AIR/FI /THM/EGR/	/CAN 182-FI	M-4	3500	3.45	0.4	7	1.0	0.
*633CSI	M BMW 633 CSI	AIR/FI /THM/EGR/	/CAN 182-FI	M-4	3500	3.45	0.5	14	1.5	0.
	BMW 633 CSI	AIR/FI /THM/EGR/	/CAN 182-FI	M-4	3500	3.45	0.3	9	1.0	0.
	(DETERIORATION FACTORS FOR -	AIR/FI /THM/EGR/	/CAN FAMILY BMW 130.A				: 1.000	1.000	1.000	0.0
(NLHC) AUSTIN-MORRIS										
MINI	*MINI CONVERTIBLE	AIR/OC /EGR/ /	/CAN 110- 1	M-5	2750	3.91	0.2	5	1.2	0.
(110)	*MINI									
	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/ /	/CAN FAMILY MINI				: 1.000	1.000	1.000	0.0
MINI 850	M MINI CONVERTIBLE	AIR/OC /EGR/ /	/CAN 110- 1	M-4	2750	3.91	0.4	8	2.0	0.
(110)	*MINI CONVERTIBLE	AIR/OC /EGR/ /	/CAN 110- 1	M-4	2750	3.91	0.2	8	1.2	0.
MINI	MINI CONVERTIBLE	AIR/OC /EGR/ /	/CAN 110- 1	M-4	2750	3.91	0.2	6	1.2	0.
	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/ /	/CAN FAMILY MINI 850				: 1.296	1.505	1.000	0.0
(NLHC) JAGUAR										
V12/50	XJ12L	AIR/FI /OC /EGR/	/CAN 326-FI	A	4500	3.31	0.6	7	1.2	N/A
(326)	XJ-S	AIR/FI /OC /EGR/	/CAN 326-FI	M-4	4000	3.31	0.2	13	1.1	N/A
XJ12										
XJS	(DETERIORATION FACTORS FOR -	AIR/FI /OC /EGR/	/CAN FAMILY V12/50				: 1.101	1.000	1.000	0.0
4.2L/50	XJ6L	AIR/OC /EGR/ /	/CAN 258- 2	A	4500	3.31	0.4	7	1.3	N/A
(258)	*XJ6L	AIR/OC /EGR/ /	/CAN 258- 2	A	4500	3.31	0.3	6	1.2	N/A
*XJ6 SERIES II	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/ /	/CAN FAMILY 4.2L/50				: 1.000	1.000	1.000	0.0

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1977 MODEL LIGHT DUTY VEHICLES

MANUFACTURER FAMILY DESIGNATION (CU. IN. DISPLACEMENT) CARLINES COVERED	TEST VEHICLE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISP.& CARB. VEN- TWIS	T R A N S	INERTIA WEIGHT CLASS (LBS)	AXLE RATIO	CERTIFICATION LEVELS EXHAUST EMISSIONS (GRAMS/MILE) HYDRO-CARBONS	CARBON MON-OXIDE	OXIDES OF NITRO-GEN	EVAP EMIS- SIC (GMS/ TES HYDRO CARBO
(RLMC) TRIUMPH										
SL472/50C	TW7	AIR/OC /EGR/ /	/CAN 122- 2	A	2750	3.27	0.7	4	1.8	0.
(122)	TW7	AIR/OC /EGR/ /	/CAN 122- 2	M-4	2750	3.64	0.4	1	1.3	1.
TW-7	TW7	AIR/OC /EGR/ /	/CAN 122- 2	M-5	2750	3.90	0.4	2	1.3	0
	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/ /	/CAN FAMILY SL472/50C				: 1.456	1.180	1.000	0.
SL472/50C/C	*TW7	AIR/OC /EGR/ /	/CAN 122- 2	M-4	2750	3.64	0.4	8	0.5	0.
(122)	*TP7	AIR/OC /EGR/ /	/CAN 122- 2	M-5	2750	3.90	0.1	3	0.8	0.
*TW-7										
	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/ /	/CAN FAMILY SL472/50C/C				: 1.196	1.161	1.042	0.
TC/25C	*SPITFIRE	AIR/OC /EGR/ /	/CAN 91- 1	M-4	2250	3.89	0.4	1	0.9	1
(91)	*MIDGET	AIR/OC /EGR/ /	/CAN 91- 1	M-4	2250	3.91	0.3	1	0.6	0
*MG MIDGET										
*SPITFIRE										
	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/ /	/CAN FAMILY TC/25C				: 1.170	1.218	1.000	0.
TC/50C	SPITFIRE	AIR/OC /EGR/ /	/CAN 91- 1	M-4	2250	3.89	0.5	1	1.6	1
(91)	MIDGET	AIR/OC /EGR/ /	/CAN 91- 1	M-4	2250	3.91	0.5	2	1.0	0
M MG MIDGET	M MIDGET	AIR/OC /EGR/ /	/CAN 91- 1	M-4	2250	3.91	0.6	5	1.0	0
M SPITFIRE										
	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/ /	/CAN FAMILY TC/50C				: 1.363	1.000	1.000	0.
CHECKER										
GM710F3M	CHECKER	OC /EGR/OTR/ /	/CAN 250- 1	A	4000	3.07	0.7	13	1.9	0
(250)	M CHECKER	OC /EGR/OTR/ /	/CAN 250- 1	A	4000	3.07	0.8	11	1.9	0
M MARATHON										
	(DETERIORATION FACTORS FOR -	OC /EGR/OTR/ /	/CAN FAMILY GM710F3M				: 1.000	1.000	1.066	0.
GM710J4S	M CHECKER	AIR/OC /EGR/OTR/ /	/CAN 350- 4	A	4500	3.07	0.4	12	1.5	0
(350)	*CHECKER	AIR/OC /EGR/OTR/ /	/CAN 350- 4	A	4500	3.07	0.2	1	1.3	0
M*MARATHON										
	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/OTR/ /	/CAN FAMILY GM710J4S				: 1.113	1.000	1.000	0.
GM710Y2	CHECKER	OC /EGR/OTR/ /	/CAN 305- 2	A	4500	3.07	0.6	13	1.4	0
(305)										
MARATHON										
	(DETERIORATION FACTORS FOR -	OC /EGR/OTR/ /	/CAN FAMILY GM710Y2				: 1.000	1.000	1.000	0.
CHRYSLER										
CD-225-1-EP	*PLYMOUTH VOLARE	AIR/OC /EGR/ /	/CAN 225- 1	A	4000	3.23	0.4	2	1.3	N/A
(225)	*PLYMOUTH	AIR/OC /EGR/ /	/CAN 225- 1	A	4000	2.76	0.6	7	1.4	N/A
M*LEBARON	M CHRYSLER	AIR/OC /EGR/ /	/CAN 225- 1	A	4000	3.23	0.9	10	1.4	0
M*ASPEN	*PLYMOUTH	AIR/OC /EGR/ /	/CAN 225- 1	M-3	4000	3.23	0.6	4	1.0	N/A

(CONTINUED)

MANUFACTURER FAMILY DESIGNATION (CU. IN. DISPLACEMENT) CARLINES COVERED	TEST VEHICLE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISP.& CARB. VEN- TWIS	T R A N S	INERTIA WEIGHT CLASS (LBS)	AXLE RATIO	CERTIFICATION LEVELS EXHAUST EMISSIONS (GRAMS/MILE) HYDRO-CARBONS	CARBON MON-OXIDE	OXIDES OF NITRO-GEN	EVAP EMIS- SIC (GMS/ TES HYDRO CARBO
CHRYSLER (CONTINUED)										
M*ASPEN WAGON	*DODGE	AIR/OC /EGR/ /	/CAN 225- 1	M-3	4000	2.94	0.4	1	1.3	N/A
M*DIPLOMAT	*PLYMOUTH VOLARE	AIR/OC /EGR/ /	/CAN 225- 1	M-4	4000	3.21	0.7	3	1.4	N/A
M*VOLARE										
M*VOLARE WAGON										
	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/ /	/CAN FAMILY CD-225-1-EP				: 1.412	1.000	1.000	0.04
CD-318-2-GP	*DODGE	AIR/OC /EGR/ /	/CAN 318- 2	A	4500	2.71	0.3	3	1.4	N/A
(318)	*PLYMOUTH VOLARE	AIR/OC /EGR/ /	/CAN 318- 2	A	4000	2.76	0.3	6	0.8	N/A
M*LEBARON	*PLYMOUTH	AIR/OC /EGR/ /	/CAN 318- 2	A	4500	3.21	0.4	3	1.2	N/A
M*CORDOBA	*PLYMOUTH VOLARE	AIR/OC /EGR/ /	/CAN 318- 2	A	4000	2.45	0.3	5	1.1	N/A
M*ASPEN	*DODGE SPEC	AIR/OC /EGR/ /	/CAN 318- 2	A	4500	3.21	0.3	2	1.2	N/A
M*ASPEN WAGON	M DODGE SPEC	AIR/OC /EGR/ /	/CAN 318- 2	A	4500	3.21	0.4	7	1.5	0.2
M*DIPLOMAT										
M*DIPLOMAT WAGON										
M*MONACO										
M*C-300 SE										
M*VOLARE										
M*VOLARE WAGON										
M*FURY										
	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/ /	/CAN FAMILY CD-318-2-GP				: 1.276	1.186	1.199	0.06
CD-360-4-GP	*CHRYSLER	AIR/OC /EGR/ /	/CAN 360- 4	A	4500	2.71	0.3	5	1.0	N/A
(360)	DODGE	AIR/OC /EGR/ /	/CAN 360- 4	A	5000	2.45	0.2	4	1.3	N/A
M*CORDOBA	*CHRYSLER	AIR/OC /EGR/ /	/CAN 360- 4	A	5000	3.21	0.3	5	1.1	N/A
M*C-300	*PLYMOUTH VOLARE	AIR/OC /EGR/ /	/CAN 360- 4	A	4500	3.21	0.4	4	1.1	N/A
M*ASPEN	DODGE ASPEN	AIR/OC /EGR/ /	/CAN 360- 4	A	4000	2.71	0.2	3	0.9	N/A
M*ASPEN WAGON	M*PLYMOUTH VOLARE	AIR/OC /EGR/ /	/CAN 360- 4	A	4500	3.21	0.3	7	1.6	1.0
M*MONACO										
M*MONACO WAGON										
M*ROYAL MONACO										
M*ROYAL MONACO WAGON										
M*VOLARE										
M*VOLARE WAGON										
M*FURY										
M*FURY WAGON										
M*GRAN FURY										
	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/ /	/CAN FAMILY CD-360-4-GP				: 1.259	1.354	1.015	0.08
CD-440-4MP-FP	*DODGE	AIR/OC /EGR/ /	/CAN 440- 4	A	5000	2.71	0.4	4	1.6	N/A
(440)	*PLYMOUTH	AIR/OC /EGR/ /	/CAN 440- 4	A	5000	3.21	0.3	3	1.4	N/A
M*MONACO										
M*FURY										
	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/ /	/CAN FAMILY CD-440-4MP-FP				: 1.524	1.105	1.000	0.06

1977 MODEL YEAR LIGHT DUTY VEHICLES

MANUFACTURER / FAMILY DESIGNATION (CU. IN. DISPLACEMENT) / CARLINES COVERED	TEST VEHICLE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISP. & CARB. VEN.	ENGINE DISP. & CARB. NO.	TRANS.	INERTIA WEIGHT CLASS	AXLE RATIO	CERTIFICATION LEVELS: EXHAUST EMISSIONS (GRAMS/MILE) HYDRO-CARBONS	CARBON MON-OXIDE	OXIDES OF NITRO-GEN	EVAP. EMISS. (GRAMS/TEST) HYDRO-CARBONS
CHRYSLER (CONTINUED)											
CD-440-4ST-GEP (440) M*CHRYSLER ROYAL MONACO M*GRAN FURY	*CHRYSLER	AIR/OC /EGR/ /	/CAN	440-4	A	5500	3.21	0.4	4	1.5	N/A
	*DODGE	AIR/OC /EGR/ /	/CAN	440-4	A	5000	3.21	0.3	3	1.3	N/A
	M *CHRYSLER	AIR/OC /EGR/ /	/CAN	440-4	A	5500	3.21	0.5	6	1.8	
	*CHRYSLER	AIR/OC /EGR/ /	/CAN	440-4	A	5500	2.71	0.2	9	1.1	N
	(DETERIORATION FACTORS FOR - AIR/OC /EGR/EGH/		/CAN	FAMILY	CD-440-4ST-GEP		: 1.824	1.286	1.086		
FA-400-4-NE (400) CORDOBA CHRYSLER CHRYSLER WAGON MONACO CHARGER SE MONACO WAGON ROYAL MONACO ROYAL MONACO WAGON FURY FURY WAGON GRAN FURY GRAN FURY WAGON	CHRYSLER NEW YORKER	EM / / / /	/CAN	400-4	A	5500	3.21	1.4	13	2.0	N
	CHRYSLER	EM / / / /	/CAN	400-4	A	4500	2.45	1.3	9	1.3	N
	PLYMOUTH	EM / / / /	/CAN	400-4	A	4500	3.21	1.3	9	1.3	N
	CHRYSLER	EM / / / /	/CAN	400-4	A	5000	2.45	1.2	6	1.0	N
	DODGE WAGON	EM / / / /	/CAN	400-4	A	5000	3.21	1.3	10	1.7	N
	(DETERIORATION FACTORS FOR - EM / / / /		/CAN	FAMILY	FA-400-4-NE		: 1.216	1.085	1.000		
FB-360-4-CE (360) ASPEN ASPEN WAGON MONACO VOLARE VOLARE WAGON FURY	DODGE MONACO	OC / / / /	/CAN	360-4	A	4500	3.21	0.2	7	2.0	
	DODGE	OC / / / /	/CAN	360-4	A	4500	3.21	0.3	5	1.6	
	PLYMOUTH VOLARE	OC / / / /	/CAN	360-4	A	4000	2.71	0.3	5	1.8	
	DODGE ASPEN	OC / / / /	/CAN	360-4	A	4000	3.21	0.2	5	1.4	
	(DETERIORATION FACTORS FOR - OC / / / /		/CAN	FAMILY	FB-360-4-CE		: 1.000	1.420	1.000		
FH-400-4-CE (400) CORDOBA CHRYSLER CHRYSLER WAGON MONACO CHARGER SE MONACO WAGON ROYAL MONACO ROYAL MONACO WAGON	PLYMOUTH FURY	AIR/OC / / /	/CAN	400-4	A	4500	2.45	0.4	4	1.9	
	CHRYSLER	AIR/OC / / /	/CAN	400-4	A	5000	2.71	0.3	4	1.9	
	CHRYSLER	AIR/OC / / /	/CAN	400-4	A	5000	2.45	0.5	5	1.9	
	CHRYSLER	AIR/OC / / /	/CAN	400-4	A	5500	3.21	0.3	2	1.8	
	CHRYSLER	AIR/OC / / /	/CAN	400-4	A	4500	3.21	0.3	4	1.7	

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MANUFACTURER / FAMILY DESIGNATION (CU. IN. DISPLACEMENT) / CARLINES COVERED	TEST VEHICLE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISP. & CARB. VEN.	ENGINE DISP. & CARB. NO.	TRANS.	INERTIA WEIGHT CLASS	AXLE RATIO	CERTIFICATION LEVELS: EXHAUST EMISSIONS (GRAMS/MILE) HYDRO-CARBONS	CARBON MON-OXIDE	OXIDES OF NITRO-GEN	EVAP. EMISS. (GRAMS/TEST) HYDRO-CARBONS
CHRYSLER (CONTINUED)											
FURY FURY WAGON GRAN FURY GRAN FURY WAGON	(DETERIORATION FACTORS FOR - AIR/OC / / /		/CAN	FAMILY	FH-400-4-CE		: 1.512	1.649	1.000	0.0
FH-440-4MP-DE (440) CHRYSLER MONACO ROYAL MONACO FURY GRAN FURY	PLYMOUTH	OC / / / /	/CAN	440-4	A	5000	2.71	0.2	1	1.9	N/A
	PLYMOUTH	OC / / / /	/CAN	440-4	A	5000	3.21	0.2	2	1.5	N/A
	(DETERIORATION FACTORS FOR - OC / / / /		/CAN	FAMILY	FH-440-4MP-DE		: 1.000	1.000	1.018	0.0	
FH-440-4ST-CE (440) CHRYSLER CHRYSLER WAGON ROYAL MONACO ROYAL MONACO WAGON GRAN FURY GRAN FURY WAGON	CHRYSLER	AIR/OC / / /	/CAN	440-4	A	5500	2.71	0.3	2	2.0	N/A
	CHRYSLER	AIR/OC / / /	/CAN	440-4	A	5400	3.21	0.7	9	1.8	N/A
	DODGE	AIR/OC / / /	/CAN	440-4	A	5500	2.71	0.4	2	2.0	N/A
	CHRYSLER	AIR/OC / / /	/CAN	440-4	A	5000	3.21	0.3	2	1.9	N/A
	CHRYSLER	AIR/OC / / /	/CAN	440-4	A	5000	2.71	0.5	3	1.8	N/A
	(DETERIORATION FACTORS FOR - AIR/OC / / /		/CAN	FAMILY	FH-440-4ST-CE		: 1.590	1.000	1.000	0.0	
FD-225-1-A (225) ASPEN MONACO VOLARE FURY	DODGE ASPEN	AIR/OC /EGR/ /	/CAN	225-1	A	4000	3.23	0.8	7	1.8	N/A
	PLYMOUTH FURY	AIR/OC /EGR/ /	/CAN	225-1	A	4000	2.94	0.9	10	1.7	N/A
	PLYMOUTH VOLARE	AIR/OC /EGR/ /	/CAN	225-1	A	4000	2.76	0.8	14	1.4	N/A
	DODGE ASPEN	AIR/OC /EGR/ /	/CAN	225-1	M-3	4000	2.94	1.1	12	1.8	N/A
	PLYMOUTH	AIR/OC /EGR/ /	/CAN	225-1	M-4	4000	3.23	0.9	6	1.6	N/A
	(DETERIORATION FACTORS FOR - AIR/OC /EGR/ /		/CAN	FAMILY	FD-225-1-A		: 1.000	1.000	1.080	0.0	
FD-225-1-C (225) ASPEN VOLARE	DODGE ASPEN	AIR/OC /EGR/ /	/CAN	225-1	A	3400	2.76	0.6	5	1.7	N/A
	PLYMOUTH VOLARE	AIR/OC /EGR/ /	/CAN	225-1	A	3400	2.76	0.6	5	1.8	N/A
	PLYMOUTH	AIR/OC /EGR/ /	/CAN	225-1	M-3	3400	2.94	1.0	10	2.0	N/A
	DODGE ASPEN	AIR/OC /EGR/ /	/CAN	225-1	M-3	3400	3.23	1.0	8	1.6	N/A
	PLYMOUTH	AIR/OC /EGR/ /	/CAN	225-1	M-4	3400	3.21	1.1	8	2.0	N/A
	(DETERIORATION FACTORS FOR - AIR/OC /EGR/ /		/CAN	FAMILY	FD-225-1-C		: 1.000	1.000	1.021	0.0	
FD-225-2-C (225) LEBARON ASPEN	PLYMOUTH	AIR/OC /EGR/ /	/CAN	225-2	A	4000	3.23	0.5	7	1.6	N/A
	PLYMOUTH	AIR/OC /EGR/ /	/CAN	225-2	A	4000	2.94	0.9	9	1.4	N/A
	PLYMOUTH	AIR/OC /EGR/ /	/CAN	225-2	A	4000	2.76	0.8	13	1.6	N/A
	DODGE ASPEN	AIR/OC /EGR/ /	/CAN	225-2	M-4	4000	3.23	0.8	11	1.6	N/A

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MANUFACTURER / FAMILY DESIGNATION (CU. IN. DISPLACEMENT) / CARLINES COVERED	TEST VEHICLE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISP. & CARB. VEN- TURIS	TRANS. A N S	INERTIA WEIGHT CLASS (LBS.)	AXLE RATIO	CERTIFICATION LEVELS — EXHAUST EMISSIONS (GRAMS/MILE) HYDRO-CARBONS	CARBON MON-OXIDE	OXIDES OF NITRO-GEN	EVAP. (GRAMS/TEST) HYDRO-CARBONS
CHRYSLER	(CONTINUED)									
ASPEN WAGON DIPLOMAT DIPLOMAT WAGON MONACO VOLARE VOLARE WAGON FURY	DODGE ASPEN	AIR/OC /EGR/ / /CAN	225- 2 M-4		4000	3.21	1.0	15	2.0	N/A
	(DETERIORATION FACTORS FOR - AIR/OC /EGR/ / /CAN FAMILY FD-225-2-C						: 1.005	1.03n	1.092	0
FD-318-2-C (318) LEBARON CORDOBA ASPEN ASPEN WAGON DIPLOMAT DIPLOMAT WAGON MONACO CHARGER SE ROYAL MONACO VOLARE VOLARE WAGON FURY GRAN FURY	PLYMOUTH VOLARE	AIR/OC /EGR/ / /CAN	318- 2 A		4000	2.71	0.4	6	1.6	N/A
	PLYMOUTH	AIR/OC /EGR/ / /CAN	318- 2 A		4500	2.71	0.6	14	1.6	N/A
	DODGE	AIR/OC /EGR/ / /CAN	318- 2 A		4000	2.45	0.5	9	1.6	N/A
	DODGE	AIR/OC /EGR/ / /CAN	318- 2 M-3		4500	3.21	0.9	9	1.8	N/A
	PLYMOUTH VOLARE	AIR/OC /EGR/ / /CAN	318- 2 M-4		4000	2.94	0.7	9	1.6	N/A
	(DETERIORATION FACTORS FOR - AIR/OC /EGR/ / /CAN FAMILY FD-318-2-C						: 1.099	1.000	1.095	0.
FD-360-2-C (360) LEBARON CORDOBA CHRYSLER ASPEN ASPEN WAGON DIPLOMAT DIPLOMAT WAGON MONACO CHARGER SE MONACO WAGON ROYAL MONACO VOLARE VOLARE WAGON FURY FURY WAGON GRAN FURY	DODGE	AIR/OC /EGR/ / /CAN	360- 2 A		4000	3.21	0.6	4	1.7	N/A
	CHRYSLER	AIR/OC /EGR/ / /CAN	360- 2 A		4500	2.45	0.5	7	1.7	N/A
	DODGE	AIR/OC /EGR/ / /CAN	360- 2 A		5000	2.71	0.6	7	1.6	N/A
	PLYMOUTH	AIR/OC /EGR/ / /CAN	360- 2 A		4000	2.45	0.6	5	1.6	N/A
	CHRYSLER	AIR/OC /EGR/ / /CAN	360- 2 A		5000	2.45	0.5	11	1.9	N/A
	(DETERIORATION FACTORS FOR - AIR/OC /EGR/ / /CAN FAMILY FD-360-2-C						: 1.000	1.000	1.000	0.
EXCALIBUR AUTOS 12R40 (454)	EXCALIBUR	/ / / / /	454-	A	4500	2.73	0.2	3	2.2	N/A
	(DETERIORATION FACTORS FOR - / / / / / FAMILY 12R40						: 1.100	1.100	1.100	0.

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MANUFACTURER / FAMILY DESIGNATION (CU. IN. DISPLACEMENT) / CARLINES COVERED	TEST VEHICLE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISP. & CARB. VEN- TURIS	TRANS. A N S	INERTIA WEIGHT CLASS (LBS.)	AXLE RATIO	CERTIFICATION LEVELS — EXHAUST EMISSIONS (GRAMS/MILE) HYDRO-CARBONS	CARBON MON-OXIDE	OXIDES OF NITRO-GEN	EVAP. (GRAMS/TEST) HYDRO-CARBONS
FERRARI F 106 A (179) M DINO 308 GT-4 M FERRARI	DINO 308 GT 4	AIR/THM/ / / /CAN	179- 8 M-5		3500	3.70	0.5	6	0.8	0.
	M FERRARI 308 GTS	AIR/THM/ / / /CAN	179- 8 M-5		3500	3.70	0.7	14	0.8	0.
	(DETERIORATION FACTORS FOR - AIR/THM/ / / /CAN FAMILY F 106 A						: 1.000	1.000	1.000	0.
FIAT 128 (79) M 128 M 128 WAGON M X1/9	128SEDAN1300 4SP	AIR/ / / / /CAN	79- 2 M-4		2250	3.76	1.1	10	1.6	N/A
	M X1/9	AIR/ / / / /CAN	79- 2 M-4		2250	4.42	1.2	13	1.4	0.
	X1/9	AIR/ / / / /CAN	79- 2 M-4		2250	4.42	0.8	9	1.4	N/A
	(DETERIORATION FACTORS FOR - AIR/ / / / /CAN FAMILY 128						: 1.089	1.061	1.000	0.
128-CC1 (79) *128 *128 WAGON *X1/9	*128SEDAN1300	AIR/OC / / / /CAN	79- 2 M-4		2250	3.76	0.2	3	1.2	N/A
	*X1/9	AIR/OC / / / /CAN	79- 2 M-4		2250	4.08	0.3	4	1.1	N/A
	(DETERIORATION FACTORS FOR - AIR/OC / / / /CAN FAMILY 128-CC1						: 1.000	1.000	1.000	0.
132 (107) M 131 MIRAFIORI M 131 ESTATE WAGON M 124 SPORT M LANCIA BETA	124 SPORT SPIDER 1400	AIR/EGR/ / / /CAN	107- 2 M-5		2500	4.30	1.4	11	1.9	N/A
	131 ESTATE	AIR/EGR/ / / /CAN	107- 2 A		3000	4.44	0.3	12	1.3	N/A
	131MIRAFIORI-4CR	AIR/EGR/ / / /CAN	107- 2 A		2750	4.44	1.1	9	1.5	N/A
	M LANCIA BETA SEDAN 1400	AIR/EGR/ / / /CAN	107- 2 M-5		3000	4.36	1.4	13	1.3	0.
	LANCIA BETA 1400 COUPE	AIR/EGR/ / / /CAN	107- 2 M-5		2750	4.21	0.9	8	1.3	N/A
	LANCIA BETA SEDAN 1400	AIR/EGR/ / / /CAN	107- 2 M-5		3000	4.36	1.1	7	1.1	N/A
	131MIRAFIORI 4DR	AIR/EGR/ / / /CAN	107- 2 M-5		2750	4.10	1.5	13	1.2	N/A
	(DETERIORATION FACTORS FOR - AIR/EGR/ / / /CAN FAMILY 132						: 1.204	1.000	1.000	0.
132-CC1 (107) *131 MIRAFIORI *131 ESTATE WAGON *124 SPORT *LANCIA BETA *LANCIA BETA SCORPION	*131 ESTATE	AIR/OC /EGR/ / /CAN	107- 2 A		3000	4.44	0.2	5	1.2	N/A
	*124SPIDER1400	AIR/OC /EGR/ / /CAN	107- 2 M-5		2500	4.30	0.2	3	1.0	N/A
	*LANCIA BETA 1400 COUPE	AIR/OC /EGR/ / /CAN	107- 2 M-5		2750	4.21	0.2	2	1.2	N/A
	*LANCIA BETA SCORPION	AIR/OC /EGR/ / /CAN	107- 2 M-5		2750	3.92	0.2	3	1.2	N/A
	*131 ESTATE	AIR/OC /EGR/ / /CAN	107- 2 M-5		3000	4.10	0.2	3	1.1	N/A
	*LANCIA BETA 1400 SEDAN	AIR/OC /EGR/ / /CAN	107- 2 M-5		3000	4.36	0.2	3	1.3	N/A
	(DETERIORATION FACTORS FOR - AIR/OC /EGR/ / /CAN FAMILY 132-CC1						: 1.000	1.000	1.000	0.
FORD F1.6G1CV3 (98) *FIESTA	*FIESTA	AIR/OC /EGR/ / /CAN	98- 2 M-4		2000	3.58	0.2	3	1.1	1.
	(DETERIORATION FACTORS FOR - AIR/OC /EGR/ / /CAN FAMILY F1.6G1CV3						: 1.122	1.142	1.000	0.

MANUFACTURER FAMILY DESIGNATION (Cu. In. DISPLACEMENT) CARLINES COVERED	TEST VEHICLE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISP.& CARB. VEN- TURIS	T R A N S	INERTIA WEIGHT CLASS (LbSm)	AXLE RATIO	CERTIFICATION LEVELS EXHAUST EMISSIONS (GRAMS/MILE) HYDRO-CARBONS	CARBON MON-OXIDE	OXIDES OF NITRO-GEN	EVAP. EMIS- SIONS (GMS/ TEST) HYDRO-CARBONS
FORD (CONTINUED)										
F1.6H1CV5 (49) FIESTA	FIESTA	AIR/OC /EGR/ / /CAN	98- 2	M-4	2000	3.58	0.6	4	2.0	2
	(DETERIORATION FACTORS FOR - AIR/OC /EGR/ / /CAN FAMILY F1.6H1CV5						: 1.914	1.462	1.000	0.
F2.3A1CV1 (140) •PINTO •PINTO WAGON •MUSTANG II •BOBCAT •HOBCAT WAGON •CAPRI II	•PINTO STATION WAGON	AIR/OC /EGR/ / /CAN	140- 2	A	3000	3.18	0.4	4	0.9	2
	•BOBCAT	AIR/OC /EGR/ / /CAN	140- 2	A	2750	3.14	0.6	5	0.7	0
	•CAPRI	AIR/OC /EGR/ / /CAN	140- 2	A	3000	3.22	0.4	4	1.1	0
	•PINTO	AIR/OC /EGR/ / /CAN	140- 2	M-4	2750	2.73	0.5	2	1.0	0
	•PINTO	AIR/OC /EGR/ / /CAN	140- 2	M-4	3000	3.18	1.1	5	0.8	0
	•BOBCAT	AIR/OC /EGR/ / /CAN	140- 2	M-4	3000	3.22	0.4	3	1.0	0
	(DETERIORATION FACTORS FOR - AIR/OC /EGR/ / /CAN FAMILY F2.3A1CV1						: 1.580	1.289	1.161	0.
F2.3B1CV5 (140) M PINTO M PINTO WAGON M MUSTANG II M BOBCAT M BOBCAT WAGON M CAPRI II	MUSTANG II	OC /EGR/ / / /CAN	140- 2	A	3000	3.18	0.2	4	1.4	0
	PINTO	OC /EGR/ / / /CAN	140- 2	A	3000	3.18	0.6	15	0.8	2
	•BOBCAT	OC /EGR/ / / /CAN	140- 2	A	2750	3.18	0.4	11	0.9	0
	MUSTANG II	AIR/OC /EGR/ / /CAN	140- 2	M-4	3000	3.18	0.9	6	1.6	0
	M CAPRI	AIR/OC /EGR/ / /CAN	140- 2	M-4	3000	3.22	1.2	12	1.2	0
	PINTO	AIR/OC /EGR/ / /CAN	140- 2	M-4	2750	2.73	0.9	5	1.8	0
	M PINTO	AIR/OC /EGR/ / /CAN	140- 2	M-4	2750	3.18	0.7	5	1.4	N/A
	(DETERIORATION FACTORS FOR - OC /EGR/ / / /CAN FAMILY F2.3A1CV5						: 1.034	1.000	1.000	0.
	(DETERIORATION FACTORS FOR - AIR/OC /EGR/ / /CAN FAMILY F2.3A1CV5						: 1.198	1.004	1.026	0.
F2.3B1CV12 (140) CAPRI II	CAPRI II	AIR/OC /EGR/ / /CAN	140- 2	M-4	3000	3.22	1.1	9	1.9	2
	CAPRI II	AIR/OC /EGR/ / /CAN	140- 2	M-4	3000	3.44	0.9	6	2.0	N/A
	(DETERIORATION FACTORS FOR - AIR/OC /EGR/ / /CAN FAMILY F2.3B1CV12						: 1.582	2.168	1.116	0.
F2.3B1CV5 (140) PINTO PINTO WAGON MUSTANG II BOBCAT BOBCAT WAGON CAPRI II	PINTO	AIR/OC /EGR/ / /CAN	140- 2	M-4	2750	2.73	1.1	6	1.8	2
	MUSTANG II	AIR/OC /EGR/ / /CAN	140- 2	M-4	3000	3.18	1.1	7	1.6	1
	CAPRI	AIR/OC /EGR/ / /CAN	140- 2	M-4	3000	3.22	0.9	8	1.3	1
	(DETERIORATION FACTORS FOR - AIR/OC /EGR/ / /CAN FAMILY F2.3H1CV5						: 1.454	1.274	1.000	0.
F2.8H1CV1 (171) •PINTO •PINTO WAGON •BOBCAT •CAPRI	•PINTO WAGON	AIR/OC /EGR/ / /CAN	171- 2	A	3500	3.00	0.3	6	0.8	2
	•BOBCAT	AIR/OC /EGR/ / /CAN	171- 2	A	3000	3.00	0.2	2	1.4	1
	•CAPRI	AIR/OC /EGR/ / /CAN	171- 2	M-4	3000	3.09	0.3	3	1.0	N/A

MANUFACTURER FAMILY DESIGNATION (Cu. In. DISPLACEMENT) CARLINES COVERED	TEST VEHICLE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISP.& CARB. VEN- TURIS	T R A N S	INERTIA WEIGHT CLASS (LbSm)	AXLE RATIO	CERTIFICATION LEVELS EXHAUST EMISSIONS (GRAMS/MILE) HYDRO-CARBONS	CARBON MON-OXIDE	OXIDES OF NITRO-GEN	EVAP. EMIS- SIONS (GMS/ TEST) HYDRO-CARBONS
FORD (CONTINUED) •PINTO WAGON •MUSTANG II •BOBCAT •BOBCAT WAGON •CAPRI II										
	(DETERIORATION FACTORS FOR - AIR/OC /EGR/ / /CAN FAMILY F2.8H1CV1						: 1.000	1.027	1.023	0.220)
F2.8P1CV5 (171) PINTO PINTO WAGON MUSTANG II CAPRI II MUSTANG II PINTO CAPRI MUSTANG	PINTO WAGON	AIR/OC /EGR/ / /CAN	171- 2	A	3500	3.00	1.3	10	1.7	1.1
	MUSTANG II	AIR/OC /EGR/ / /CAN	171- 2	A	3500	3.18	1.2	6	1.9	N/A
	PINTO	AIR/OC /EGR/ / /CAN	171- 2	A	3000	3.18	1.1	11	1.5	0.5
	CAPRI II	AIR/OC /EGR/ / /CAN	171- 2	A	3000	3.09	1.0	8	1.2	0.8
	MUSTANG II	AIR/OC /EGR/ / /CAN	171- 2	M-4	3500	3.00	1.4	12	1.6	0.7
	CAPRI	AIR/OC /EGR/ / /CAN	171- 2	M-4	3000	3.09	1.4	10	1.3	0.7
	MUSTANG	AIR/OC /EGR/ / /CAN	171- 2	M-4	3500	3.00	1.2	8	1.8	N/A
	(DETERIORATION FACTORS FOR - AIR/OC /EGR/ / /CAN FAMILY F2.8P1CV5						: 1.695	1.284	1.124	0.291)
F200A1CV5 (200) COMET MAVERICK GRANADA COMET MONARCH	COMET	AIR/OC /EGR/ / /CAN	200- 1	A	3500	2.79	0.9	4	1.6	1.3
	COMET	AIR/OC /EGR/ / /CAN	200- 1	M-3	3500	2.79	1.0	5	1.8	1.0
	GRANADA	AIR/OC /EGR/ / /CAN	200- 1	M-4	3500	3.40	1.4	8	2.0	0.7
	(DETERIORATION FACTORS FOR - AIR/OC /EGR/ / /CAN FAMILY F200A1CV5						: 1.524	1.372	1.000	0.505)
F250*1CV1 (250) •GRANADA •MAVERICK •MAVERICK •GRANADA •COMET •MONARCH	•GRANADA	AIR/OC /EGR/ / /CAN	250- 1	A	4000	2.79	0.4	2	1.4	0.8
	•MAVERICK	AIR/OC /EGR/ / /CAN	250- 1	A	3500	2.79	0.4	1	1.0	1.9
	(DETERIORATION FACTORS FOR - AIR/OC /EGR/ / /CAN FAMILY F250A1CV1						: 1.273	1.086	1.043	0.569)
F250A1CV5 (250) MAVERICK GRANADA COMET MONARCH	GRANADA	OC /EGR/ / / /CAN	250- 1	A	4000	2.47	1.3	10	1.6	1.0
	MAVERICK	OC /EGR/ / / /CAN	250- 1	A	3500	2.79	1.2	4	1.8	1.6
	COMET	AIR/OC /EGR/ / /CAN	250- 1	M-3	3500	2.79	0.6	6	1.4	0.9
	GRANADA	AIR/OC /EGR/ / /CAN	250- 1	M-4	4000	3.00	0.8	12	1.6	0.9
	(DETERIORATION FACTORS FOR - OC /EGR/ / / /CAN FAMILY F250A1CV5						: 2.105	1.212	1.000	0.710)
	(DETERIORATION FACTORS FOR - AIR/OC /EGR/ / /CAN FAMILY F250A1CV5						: 1.453	1.442	1.000	0.337)
F250B1CV5 (250)	GRANADA	OC /EGR/ / / /CAN	250- 1	A	4000	2.47	0.8	11	1.8	1.6

MANUFACTURER FAMILY DESIGNATION (CU. IN. DISPLACEMENT) CARLINES COVERED	TEST VEHICLE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISP.& CARB. VEN- TURIS	T R A N S	INERTIA WEIGHT CLASS (LBS.)	AXLE RATIO	CERTIFICATION LEVELS EXHAUST EMISSIONS (GRAMS/MILE) HYDRO- CARBONS	CARBON MON- OXIDE	OXIDES OF NITRO- GEN	EVAP. EMISSIONS (GMS/ TEST) HYDRO- CARBONS
FORD (CONTINUED)										
MAVERICK GRANADA COMET MONARCH										
(DETERIORATION FACTORS FOR - OC /EGR/ / / /CAN FAMILY F250B1CV5							: 1.259	1.258	1.163	1.
F302AV1CV1 (302) MUSTANG II MAVERICK GRANADA COMET MONARCH VERSAILLES	MAVERICK	AIR/OC /EGR/ / /CAN 302- 2 A			3500	2.79	0.3	4	1.2	
	GRANADA	AIR/OC /EGR/ / /CAN 302- 2 A			4000	2.47	0.7	4	1.3	
	GRANADA	AIR/OC /EGR/ / /CAN 302- 2 A			4000	2.47	0.5	5	1.0	
	MUSTANG II	AIR/OC /EGR/ / /CAN 302- 2 A			3500	3.00	0.2	2	1.2	
(DETERIORATION FACTORS FOR - AIR/OC /EGR/ / /CAN FAMILY F302AV1CV1							: 1.212	1.305	1.000	0.
F302A1CV5 (302) MUSTANG II MAVERICK GRANADA COMET MONARCH VERSAILLES	MONARCH	AIR/OC /EGR/ / /CAN 302- 2 M-4			4000	3.00	0.8	7	1.8	
	MUSTANG II	AIR/OC /EGR/ / /CAN 302- 2 M-4			3500	3.00	0.7	8	1.6	
	MONARCH	AIR/OC /EGR/ / /CAN 302- 2 M-4			4000	3.00	0.8	14	1.9	
(DETERIORATION FACTORS FOR - AIR/OC /EGR/ / /CAN FAMILY F302A1CV5							: 1.167	1.571	1.000	0.
F302C2CV4 (302) LTD II FORD THUNDERBIRD RANCHERO COUGAR COUGAR XR-7	LTD II	AIR/OC /EGR/ / /CAN 302- 2 A			4500	2.50	0.8	9	2.0	
(DETERIORATION FACTORS FOR - AIR/OC /EGR/ / /CAN FAMILY F302C2CV4							: 1.168	1.000	1.000	0.
F302D1CV5 (302) MUSTANG II MAVERICK GRANADA COMET MONARCH	GRANADA	OC /EGR/ / / /CAN 302- 2 A			4000	2.47	1.2	15	1.3	
	COMET	OC /EGR/ / / /CAN 302- 2 A			3500	2.79	1.2	12	1.7	
	MUSTANG	OC /EGR/ / / /CAN 302- 2 A			3500	3.00	0.6	2	1.9	
(DETERIORATION FACTORS FOR - OC /EGR/ / / /CAN FAMILY F302D1CV5							: 1.316	1.000	1.107	0.

MANUFACTURER FAMILY DESIGNATION (CU. IN. DISPLACEMENT) CARLINES COVERED	TEST VEHICLE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISP.& CARB. VEN- TURIS	T R A N S	INERTIA WEIGHT CLASS (LBS.)	AXLE RATIO	CERTIFICATION LEVELS EXHAUST EMISSIONS (GRAMS/MILE) HYDRO- CARBONS	CARBON MON- OXIDE	OXIDES OF NITRO- GEN	EVAP. EMISSIONS (GMS/ TEST) HYDRO- CARBONS
FORD (CONTINUED)										
F351M2CV1 (351M-400) LTD II LTD II WAGON FORD FORD WAGON THUNDERBIRD RANCHERO COUGAR COUGAR XR-7 COUGAR WAGON MERCURY MERCURY WAGON	LTDII	AIR/OC /EGR/ / /CAN 400- 2 A			5000	3.00	0.8	4	2.0	0.7
(DETERIORATION FACTORS FOR - AIR/OC /EGR/ / /CAN FAMILY F351M2CV1							: 2.293	1.294	1.000	0.6821
F351M2CV1 (351M-400) LTD II LTD II WAGON FORD FORD WAGON THUNDERBIRD RANCHERO COUGAR COUGAR XR-7 COUGAR WAGON MERCURY MERCURY WAGON LINCOLN CONTINENTAL CONTINENTAL MARK V	RANCHERO	AIR/OC /EGR/ / /CAN 351- 2 A			4500	2.50	0.7	11	1.3	1.5
	FORD WAGON	AIR/OC /EGR/ / /CAN 351- 2 A			5000	2.47	0.8	12	1.6	1.6
	THUNDERBIRD	AIR/OC /EGR/ / /CAN 351- 2 A			5000	3.00	0.7	13	1.5	1.5
	LTD II	AIR/OC /EGR/ / /CAN 400- 2 A			5000	3.00	0.6	8	1.6	1.8
	FORD	AIR/OC /EGR/ / /CAN 400- 2 A			5000	2.47	0.6	8	1.3	1.4
	LTD II	AIR/OC /EGR/ / /CAN 400- 2 A			4500	2.50	0.6	6	1.5	1.6
(DETERIORATION FACTORS FOR - AIR/OC /EGR/ / /CAN FAMILY F351M2CV1							: 1.426	1.654	1.063	0.991
F351M2CV4 (351-400) LTD II LTD II WAGON FORD FORD WAGON THUNDERBIRD RANCHERO COUGAR COUGAR XR-7 COUGAR WAGON	COUGAR	OC /EGR/ / / /CAN 351- 2 A			5000	3.00	0.4	6	2.0	1.1
	RANCHERO	OC /EGR/ / / /CAN 351- 2 A			4500	2.50	0.5	8	1.9	1.1
	FORD	OC /EGR/ / / /CAN 351- 2 A			5000	2.47	0.6	12	1.5	0.8
	LTDII	OC /EGR/ / / /CAN 400- 2 A			4500	2.50	0.5	7	1.4	1.9
	LTDII	OC /EGR/ / / /CAN 400- 2 A			5000	3.00	0.5	6	1.6	0.9
	FORD	OC /EGR/ / / /CAN 400- 2 A			5000	2.47	0.6	9	1.5	0.9

1977 MODEL YEAR LIGHT DUTY VEHICLES

MANUFACTURER / FAMILY DESIGNATION (CU. IN. DISPLACEMENT) / CARLINES COVERED	TEST VEHICLE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISP. & CARB. VEN- TURIS	TRANS. A N S	INERTIA WEIGHT CLASS (LBS.)	AXLE RATIO	CERTIFICATION LEVELS: EXHAUST EMISSIONS (GRAMS/MILE) HYDRO-CARBONS	CARBON MON-OXIDE	OXIDES OF NITRO-GEN
FORD (CONTINUED)									
MERCURY									
	(DETERIORATION FACTORS FOR -	UC /EGR/ / /	/CAN FAMILY F351MD2CV4				: 1.182	1.000	1.000
F351=C1CV1 (351) GRANADA MONARCH VERSAILLES	MONARCH	UC /EGR/ / /	/CAN 351-	2 A	4000	2.50	1.0	14	1.5
	GRANADA	UC /EGR/ / /	/CAN 351-	2 A	4000	2.47	0.7	8	1.7
	(DETERIORATION FACTORS FOR -	UC /EGR/ / /	/CAN FAMILY F351=C1CV1				: 1.428	1.000	1.000
F351=C1CV3 (351) GRANADA MONARCH	GRANADA	UC /EGR/ / /	/CAN 351-	2 A	4000	2.47	1.4	12	1.3
	(DETERIORATION FACTORS FOR -	UC /EGR/ / /	/CAN FAMILY F351=C1CV3				: 1.799	1.000	1.000
F351=C2CV4 (351) LTD II FORD THUNDERBIRD RANCHERO COUGAR COUGAR XR-7	LTD II	UC /EGR/ / /	/CAN 351-	2 A	4500	2.50	1.0	12	2.0
	(DETERIORATION FACTORS FOR -	UC /EGR/ / /	/CAN FAMILY F351=C2CV4				: 1.004	1.000	1.000
F460A2CV1 (460) M FORD M FORD WAGON M MERCURY M MERCURY WAGON M LINCOLN CONTINENTAL M CONTINENTAL MARK V	LINCOLN	AIR/OC /EGR/ / /	/CAN 460-	4 A	5500	2.75	0.5	9	1.6
	MERCURY	AIR/OC /EGR/ / /	/CAN 460-	4 A	5000	2.75	0.4	7	1.1
	M LINCOLN	AIR/OC /EGR/ / /	/CAN 460-	4 A	5500	3.00	0.4	3	2.0
	FORD	AIR/OC /EGR/ / /	/CAN 460-	4 A	5000	3.00	0.5	3	1.2
	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/ / /	/CAN FAMILY F460A2CV1				: 1.162	1.091	1.000
F460M2CV4 (460) M FORD M FORD WAGON M MERCURY M MERCURY WAGON M LINCOLN CONTINENTAL M CONTINENTAL MARK V	MERCURY	AIR/OC /EGR/ / /	/CAN 460-	4 A	5000	2.75	0.7	12	1.3
	FORD	AIR/OC /EGR/ / /	/CAN 460-	4 A	5000	3.00	0.9	10	1.1
	M LINCOLN	AIR/OC /EGR/ / /	/CAN 460-	4 A	5500	3.00	0.7	5	1.9
	LINCOLN	AIR/OC /EGR/ / /	/CAN 460-	4 A	5500	2.75	0.8	9	1.6
	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/ / /	/CAN FAMILY F460M2CV4				: 1.323	1.417	1.000

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MANUFACTURER / FAMILY DESIGNATION (CU. IN. DISPLACEMENT) / CARLINES COVERED	TEST VEHICLE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISP. & CARB. VEN- TURIS	TRANS. A N S	INERTIA WEIGHT CLASS (LBS.)	AXLE RATIO	CERTIFICATION LEVELS: EXHAUST EMISSIONS (GRAMS/MILE) HYDRO-CARBONS	CARBON MON-OXIDE	OXIDES OF NITRO-GEN	EVAP. EMISSIONS (GMS/TEST) HYDRO-CARBON
FUJI HEAVY IND										
(97) •SUBARU •SUBARU WAGON	SUBARU(STATION WAGON)	AIR/EGR/ / /	/CAN 97-	2 A	2500	3.81	0.7	7	1.7	0.0
	•SUBARU(2DOOR SEDAN)	AIR/EGR/ / /	/CAN 97-	2 A	2250	3.81	0.4	4	1.1	0.0
	•SUBARU(STATION WAGON)	AIR/EGR/ / /	/CAN 97-	2 A	2500	3.81	0.3	4	1.2	0.4
	M SUBARU(STATION WAGON 4WD)	AIR/EGR/ / /	/CAN 97-	2 M-4	2500	3.89	1.5	8	1.2	N/A
	SUBARU(2DOOR SEDAN)	AIR/EGR/ / /	/CAN 97-	2 M-4	2250	3.70	1.2	10	1.3	0.1
	STATION WAGON(4WD)	AIR/EGR/ / /	/CAN 97-	2 M-4	2500	3.89	0.8	10	1.5	0.2
	•SUBARU(STATION WAGON)	AIR/EGR/ / /	/CAN 97-	2 M-5	2500	3.70	0.4	3	1.1	0.2
	(DETERIORATION FACTORS FOR -	AIR/EGR/ / /	/CAN FAMILY HU				: 1.000	1.000	1.000	0.00
(GM) CHEVROLET										
710C2 (140) •VEGA •VEGA WAGON •MONZA ••ASTRE ••ASTRE SAFARI WAGON •••SKYHAWK •••STARFIRE	VEGA HATCHBACK	AIR/OC /EGR/ / /	/CAN 140-	2 A	3000	2.92	0.2	6	1.6	0.0
	MONZA 4+2	AIR/OC /EGR/ / /	/CAN 140-	2 A	3000	3.42	0.2	3	1.9	0.0
	VEGA HATCHBACK	AIR/OC /EGR/ / /	/CAN 140-	2 A	3000	3.42	0.2	5	2.0	0.0
	M VEGA HATCHBACK	AIR/OC /EGR/ / /	/CAN 140-	2 A	3000	3.42	0.4	14	1.8	1.2
	MONZA 4+2	AIR/OC /EGR/ / /	/CAN 140-	2 M-4	3000	3.42	0.5	8	1.9	0.0
	VEGA HATCHBACK	AIR/OC /EGR/ / /	/CAN 140-	2 M-4	3000	2.92	0.3	6	1.1	0.0
	VEGA HATCHBACK	AIR/OC /EGR/ / /	/CAN 140-	2 M-5	3000	3.42	0.3	5	1.8	0.0
	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/ / /	/CAN FAMILY 710C2				: 1.112	1.000	1.000	0.00
710F1M (250) M MALIBU M CAMARO M MALIBU M CHEVROLET M EL CAMINO M GMC SPRINT	MALIBU	UC /EGR/OTR/ / /	/CAN 250-	1 A	4000	2.73	0.5	11	1.5	0.1
	MALIBU CLASSIC	UC /EGR/OTR/ / /	/CAN 250-	1 A	4500	3.08	0.6	14	1.8	0.0
	M MALIBU	UC /EGR/OTR/ / /	/CAN 250-	1 A	4000	3.08	1.0	12	1.7	1.2
	NOVA	UC /EGR/OTR/ / /	/CAN 250-	1 A	3500	2.73	0.4	10	1.4	0.0
	CAMARO	UC /EGR/OTR/ / /	/CAN 250-	1 M3	4000	2.73	0.7	8	1.4	0.1
	NOVA	UC /EGR/OTR/ / /	/CAN 250-	1 M3	3500	3.08	0.6	4	1.8	0.1
	(DETERIORATION FACTORS FOR -	UC /EGR/OTR/ / /	/CAN FAMILY 710F1M				: 1.000	1.000	1.066	0.00
710F1SMU (250) •NOVA •CAMARO •MALIBU •CHEVROLET •EL CAMINO •GMC SPRINT	•CONCOURS=NOVA	AIR/OC /EGR/OTR/ / /	/CAN 250-	1 A	4000	2.73	0.3	2	1.2	0.0
	•CAMARO	AIR/OC /EGR/OTR/ / /	/CAN 250-	1 A	4000	2.73	0.3	2	1.7	0.0
	•NOVA	AIR/OC /EGR/OTR/ / /	/CAN 250-	1 A	3500	2.73	0.2	2	1.2	0.0
	•CAMARO CLASSIC SEDAN	AIR/OC /EGR/OTR/ / /	/CAN 250-	1 A	4000	3.08	0.3	3	1.0	0.0
	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/OTR/ / /	/CAN FAMILY 710F1SMU				: 1.471	1.078	1.000	0.00
710J4 (350)	MONTE CARLO 4 DOOR SEDAN NOVA	UC /EGR/OTR/ / /	/CAN 350-	4 A	4500	2.56	0.5	3	1.6	0.0
		UC /EGR/OTR/ / /	/CAN 350-	4 A	4000	3.08	0.3	2	1.5	0.0

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MANUFACTURER / FAMILY DESIGNATION (CU. IN. DISPLACEMENT) / CARLINES COVERED	TEST VEHICLE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISP. & CARB. VEN- TUBES	TRANS. A N S	INERTIA WEIGHT CLASS (LBS.)	AXLE RATIO	CERTIFICATION LEVELS — EXHAUST EMISSIONS (GRAMS/MILE) HYDRO-CARBONS	CARBON MON-OXIDE	OXIDES OF NITRO-GEN	EVAP EMIS- SIONS (GMS/ TEST) HYDRO CA
(GM) CHEVROLET (CONTINUED)										
NOVA	MALIBU WAGON	OC /EGR/OTR/ /	/CAN 350- 4	A	5000	3.08	0.4	7	1.7	
CAMARO	CAPRICE CLASSIC WAGON	OC /EGR/OTR/ /	/CAN 350- 4	A	4500	3.08	0.4	6	1.7	
MALIBU	CORVETTE	OC /EGR/OTR/ /	/CAN 350- 4	M-4	4000	3.36	0.9	6	2.0	
MALIBU WAGON										
CHEVROLET										
CHEVROLET WAGON										
MONTE CARLO										
CORVETTE										
EL CAMINO										
GMC SPRINT										
DELTA 88										
CUSTOM CRUISER WGN										
CENTURY										
REGAL										
CENTURY WAGON										
	(DETERIORATION FACTORS FOR -	OC /EGR/OTR/ /	/CAN FAMILY 710J4				: 1.217	1.000	1.000	
710J4S		*IR/OC /EGR/OTR/	/CAN 350- 4	A	4000	3.55	0.6	3	1.7	
(350)	*CORVETTE	*IR/OC /EGR/OTR/	/CAN 350- 4	A	4500	2.56	0.2	1	1.3	
*NOVA	*MONTE CARLO	*IR/OC /EGR/OTR/	/CAN 350- 4	A	5000	3.08	0.3	7	1.8	N
*CAMARO	*MALIBU WAGON	*IR/OC /EGR/OTR/	/CAN 350- 4	A	5000	2.73	0.2	1	1.2	
*MALIBU	*NOVA 4DR	*IR/OC /EGR/OTR/	/CAN 350- 4	A	4000	2.56	0.3	2	1.0	
*MALIBU WAGON	CORVETTE	*IR/OC /EGR/OTR/	/CAN 350- 4	M-4	4000	3.70	0.9	2	1.8	
*CHEVROLET										
*CHEVROLET WAGON										
*MONTE CARLO										
*CORVETTE										
*EL CAMINO										
*GMC SPRINT										
*VENTURA										
*PHOENIX										
*OMEGA										
*SKYLARK										
*CENTURY										
*REGAL										
*CENTURY WAGON										
	(DETERIORATION FACTORS FOR -	*IR/OC /EGR/OTR/	/CAN FAMILY 710J4S				: 1.113	1.000	1.000	
710W1	CHEVETTE	OC /EGR/ / /	/CAN 85- 1	A	2250	4.11	0.6	9	1.2	
(85. 9R)	SCOOTER	OC /EGR/ / /	/CAN 85- 1	M-4	2250	4.11	0.8	10	1.3	
CHEVETTE	CHEVETTE	OC /EGR/ / /	/CAN 98- 1	A	2250	3.70	0.4	7	1.9	
	CHEVETTE	OC /EGR/ / /	/CAN 98- 1	M-4	2250	3.70	0.6	8	1.7	
	(DETERIORATION FACTORS FOR -	OC /EGR/ / /	/CAN FAMILY 710W1				: 1.221	1.000	1.004	

MANUFACTURER / FAMILY DESIGNATION (CU. IN. DISPLACEMENT) / CARLINES COVERED	TEST VEHICLE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISP. & CARB. VEN- TUBES	TRANS. A N S	INERTIA WEIGHT CLASS (LBS.)	AXLE RATIO	CERTIFICATION LEVELS — EXHAUST EMISSIONS (GRAMS/MILE) HYDRO-CARBONS	CARBON MON-OXIDE	OXIDES OF NITRO-GEN	EVAP EMIS- SIONS (GMS/ TEST) HYDRO CARBO
(GM) CHEVROLET (CONTINUED)										
710W1GU	*CHEVETTE	*IR/OC /EGR/ /	/CAN 98- 1	A	2250	3.70	0.4	5	0.8	0.0
(98)	*CHEVETTE	*IR/OC /EGR/ /	/CAN 98- 1	A	2250	4.11	0.3	6	1.0	0.0
*GC-EVETTE	*CHEVETTE	*IR/OC /EGR/ /	/CAN 98- 1	A	2250	4.11	0.6	14	1.1	0.0
	*CHEVETTE	*IR/OC /EGR/ /	/CAN 98- 1	M-4	2250	4.11	0.3	5	1.1	0.1
	*CHEVETTE	*IR/OC /EGR/ /	/CAN 98- 1	M-4	2250	3.70	0.3	4	1.4	0.1
	(DETERIORATION FACTORS FOR -	*IR/OC /EGR/ /	/CAN FAMILY 710W1GU				: 1.000	1.238	1.000	0.00
710Y2	MALIBU	OC /EGR/OTR/ /	/CAN 305- 2	A	4500	2.56	0.5	7	1.4	0.0
(305)	MALIBU	OC /EGR/OTR/ /	/CAN 305- 2	A	4000	2.56	0.4	3	1.6	0.0
MONZA	MONZA	OC /EGR/OTR/ /	/CAN 305- 2	A	3500	2.29	0.5	6	1.7	0.0
NOVA	CAMARO	OC /EGR/OTR/ /	/CAN 305- 2	M-3	4000	2.73	0.6	5	1.5	0.1
CAMARO	MONZA 2+2	OC /EGR/OTR/ /	/CAN 305- 2	M-4	3500	2.73	0.7	5	1.6	0.1
MALIBU										
MALIBU WAGON										
CHEVROLET										
CHEVROLET WAGON										
MONTE CARLO										
EL CAMINO										
GMC SPRINT										
VENTURA										
PHOENIX										
FIREBIRD										
LEMANS										
LEMANS SAFARI WAGON										
PONTIAC										
PONTIAC SAFARI WGN										
OMEGA										
STARFIRE										
DELTA 88										
SKYLARK										
CENTURY										
REGAL										
LESABRE										
	(DETERIORATION FACTORS FOR -	OC /EGR/OTR/ /	/CAN FAMILY 710Y2				: 1.000	1.000	1.000	0.00
710Y2V	*NOVA	AIR/OC /EGR/OTR/	/CAN 305- 2	A	4000	2.56	0.3	4	1.1	0.1
(305)	*IMPALA 4DR SEDAN	AIR/OC /EGR/OTR/	/CAN 305- 2	A	4000	2.56	0.2	2	0.8	0.2
*MONZA	*2+2 MONZA	AIR/OC /EGR/OTR/	/CAN 305- 2	A	3500	2.56	0.5	11	1.5	0.1
*NOVA	*2+2 MONZA	*IR/OC /EGR/OTR/	/CAN 305-*2	A	3500	*2.29	0.2	1	1.1	0.2
*CAMARO	*2+2 MONZA	AIR/OC /EGR/OTR/	/CAN 305-*2	A	3500	*2.29	0.3	3	0.9	0.1
*CHEVROLET										
*STARFIRE										
	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/OTR/	/CAN FAMILY 710Y2V				: 1.000	1.000	1.011	0.00

1977 MODEL YEAR LIGHT DUTY VEHICLES

MANUFACTURER / FAMILY DESIGNATION (CID, INCH DISPLACEMENT) / CARLINES COVERED	TEST VEHICLE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISP. & CARB. VEN- TURIS	TRANS A/M	INERTIA WEIGHT CLASS (LBS.)	AXLE RATIO	CERTIFICATION LEVELS EXHAUST EMISSIONS (GRAMS/MILE) HYDRO-CARBONS	CARBON MON-OXIDE	OXIDES OF NITRO-GEN	EVAP. EMIS-SIONS (GMS/TEST) HYDRO-CARBONS
(GM) PONTIAC										
720K4EM	PONTIAC GRAND PRIX	OC /EGR/OTH/ /	/CAN 350- 4	A	4500	2.41	0.6	10	1.3	0.
(350-400)	FIREBIRD	OC /EGR/OTH/ /	/CAN 350- 4	A	4000	2.41	0.5	6	1.6	0.
FIREBIRD	GRAND LEMANS STAT WAGN	OC /EGR/OTH/ /	/CAN 400- 4	A	4000	3.23	0.5	7	1.2	0.
LEMANS	FORMUL- FIRE-IRD	OC /EGR/OTH/ /	/CAN 400- 4	A	4000	3.23	0.6	9	1.8	0.
LEMANS SAFARI WAGON	GRAND PRIX	OC /EGR/OTH/ /	/CAN 400- 4	A	4500	2.41	0.6	9	1.3	0.
PONTIAC	PONTIAC TRANS AM	OC /EGR/OTH/ /	/CAN 400- 4	M-4	4000	3.23	0.6	9	1.5	0.
PONTIAC SAFARI WGN										
GRAND PRIX										
	(DETERIORATION FACTORS FOR -	OC /EGR/OTH/ /	/CAN FAMILY 720K4EM				: 1.300	1.000	1.000	0.
720S2E	VENTURA	OC /EGR/OTH/ /	/CAN 301- 2	A	4000	2.41	0.6	6	2.0	0.
(301)	BONNEVILLE COUPE	OC /EGR/OTH/ /	/CAN 301- 2	A	4000	2.41	0.5	6	1.7	0.
VENTURA	GRAND LEMANS WAGON	OC /EGR/OTH/ /	/CAN 301- 2	A	5000	2.56	0.5	7	1.6	0.
PHOENIX	VENTURA COUPE	OC /EGR/OTH/ /	/CAN 301- 2	M-4	4000	3.23	0.6	5	1.3	0.
FIREBIRD	PONTIAC ESPRIT	OC /EGR/OTH/ /	/CAN 301- 2	M-4	4000	3.23	0.5	5	1.7	0.
LEMANS										
LEMANS SAFARI WAGON										
PONTIAC										
PONTIAC SAFARI WGN										
GRAND PRIX										
OMEGA										
DELTA 88										
SKYLARK										
LESABRE										
	(DETERIORATION FACTORS FOR -	OC /EGR/OTH/ /	/CAN FAMILY 720S2E				: 1.000	1.000	1.000	0.
720A2E	*SUNBIRD	AIR/OC /EGR/OTH/	/CAN 151- 2	A	3000	3.42	0.6	5	1.4	1
(151)	*ASTRE STATION WAGON	AIR/OC /EGR/OTH/	/CAN 151- 2	A	3000	2.93	0.4	4	1.9	0
*ASTRE										
*ASTRE SAFARI WAGON										
*SUNBIRD										
	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/OTH/	/CAN FAMILY 720A2E				: 1.301	1.124	1.129	0.
720X2U	ASTRE STATION WAGON	OC /EGR/OTH/ /	/CAN 151- 2	A	3000	2.73	0.5	7	1.3	0
(151)	VENTURA	OC /EGR/OTH/ /	/CAN 151- 2	A	3500	3.42	0.6	9	1.9	0
ASTRE	SUNBIRD	OC /EGR/OTH/ /	/CAN 151- 2	M-4	3000	3.42	1.0	8	1.8	0
ASTRE SAFARI WAGON	ASTRE	OC /EGR/OTH/ /	/CAN 151- 2	M-5	3000	3.42	1.1	10	2.0	0
SUNBIRD	VENTURA	OC /EGR/OTH/ /	/CAN 151- 2	M-5	3500	3.42	1.2	10	2.0	0
VENTURA										
PHOENIX										
	(DETERIORATION FACTORS FOR -	OC /EGR/OTH/ /	/CAN FAMILY 720A2U				: 1.145	1.099	1.047	0.

MANUFACTURER / FAMILY DESIGNATION (CID, INCH DISPLACEMENT) / CARLINES COVERED	TEST VEHICLE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISP. & CARB. VEN- TURIS	TRANS A/M	INERTIA WEIGHT CLASS (LBS.)	AXLE RATIO	CERTIFICATION LEVELS EXHAUST EMISSIONS (GRAMS/MILE) HYDRO-CARBONS	CARBON MON-OXIDE	OXIDES OF NITRO-GEN	EVAP. EMIS-SIONS (GMS/TEST) HYDRO-CARBONS
(GM) OLDSMOBILE										
730A2U	DELTA 88	OC /EGR/ / /	/CAN 260- 2	A	4000	2.56	0.6	8	2.0	0.0
(260)	F-85 COUPE	OC /EGR/ / /	/CAN 260- 2	A	4000	2.56	0.6	5	1.6	0.1
OMEGA	CUTLASS SUPREME	OC /EGR/ / /	/CAN 260- 2	A	4500	2.73	0.6	7	2.0	0.0
CUTLASS	CUTLASS SUPREME	OC /EGR/ / /	/CAN 260- 2	M-5	4000	2.73	0.6	9	1.7	0.0
DELTA 88	CUTLASS	OC /EGR/ / /	/CAN 260- 2	M-5	4000-	2.73	0.7	8	1.6	0.0
	(DETERIORATION FACTORS FOR -	OC /EGR/ / /	/CAN FAMILY 730H2U				: 1.141	1.026	1.000	0.0001
730H4U	*FORMUL	AIR/OC /EGR/OTH/	/CAN 350- 4	A	4000	2.41	0.6	6	1.6	0.2
(350-403)	*CUTLASS	AIR/OC /EGR/OTH/	/CAN 350- 4	A	4500	2.41	0.6	6	1.5	0.2
*VENTURA	*VISTA CRUISER	AIR/OC /EGR/OTH/	/CAN 350- 4	A	5000	2.73	0.3	3	1.2	0.0
*PHOENIX	*TORONADO OL	AIR/OC /EGR/OTH/	/CAN 403- 4	A	5000	2.73	0.6	9	1.4	0.8
*FIREBIRD	*TRANS AM FIREBIRD	AIR/OC /EGR/OTH/	/CAN 403- 4	A	4000	2.41	0.3	4	1.3	0.2
*LEMANS	*TORONADO BROUGHAM	AIR/OC /EGR/OTH/	/CAN 403- 4	A	5000	2.73	0.4	6	1.3	0.0
*LEMANS SAFARI WAGON										
*PONTIAC										
*PONTIAC SAFARI WGN										
*GRAND PRIX										
*OMEGA										
*CUTLASS										
*VISTA CRUISER WAGON										
*DELTA 88										
*CUSTOM CRUISER WGN										
*OLDSMOBILE 98										
*TORONADO										
*SKYLARK										
*CENTURY										
*OMEGA										
*CENTURY WAGON										
*LESABRE										
*LESABRE LIMOUSINE										
*ESTATE WAGON										
*ELECTRA										
*RIVIERA										
	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/OTR/	/CAN FAMILY 730H4U				: 1.015	1.000	1.000	0.0001
730M4U	DELTA 88	OC /EGR/ / /	/CAN 350- 4	A	4000	2.41	0.9	5	1.8	0.0
(350-403)	CUTLASS SUPREME	OC /EGR/ / /	/CAN 350- 4	A	4500	2.41	1.5	11	1.7	0.0
M VENTURA	VISTA CRUISER WAGON	OC /EGR/ / /	/CAN 350- 4	A	5000	2.73	1.5	12	1.2	0.1
M PHOENIX	CUSTOM CRUISER WAGON	OC /EGR/ / /	/CAN 403- 4	A	4500	2.56	0.9	4	1.7	0.0
M FIREBIRD	VISTA CRUISER WAGON	OC /EGR/ / /	/CAN 403- 4	A	5000	2.56	1.2	6	2.0	0.0
M LEMANS	M FORMUL-	OC /EGR/ / /	/CAN 403- 4	A	4000	2.56	1.0	8	1.6	0.5
M PONTIAC										
M PONTIAC SAFARI WGN										

1977 MODEL YEAR LIGHT DUTY VEHICLES

MANUFACTURER FAMILY DESIGNATION (CU. IN. DISPLACEMENT) CARLINES COVERED	TEST VEHICLE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISP.& CARB. VEN- IDES	T R A N S	INERTIA WEIGHT CLASS (LBS.)	AXLE RATIO	CERTIFICATION LEVELS EXHAUST EMISSIONS (GRAMS/MILE) HYDRO-CARBONS	CARBON MON-OXIDE	OXIDES OF NITRO-GEN	EVAP. EMIS- SIONS (GRAMS/ TEST) HYDRO- CARBONS
(GM) OLDSMOBILE (CONTINUED)										
H GRAND PRIX										
H OMEGA										
H CUTLASS										
H VISTA CRUISER WAGON										
H DELTA 88										
H CUSTOM CRUISER WGN										
H OLDSMOBILE 98										
H SKYLARK										
H CENTURY										
H REGAL										
H CENTURY WAGON										
H LESABRE										
LESABRE LIMOUSINE										
H ESTATE WAGON										
ELECTRA										
	(DETERIORATION FACTORS FOR -	OC /EGR/	/	/	/CAN FAMILY 730M4U		: 1.908	1.018	1.017	0.
730P4UY	SR AGENCY	OC /EGR/	/	/	/CAN 403- 4 A	4500	2.41	0.9	4	2.0
(403)	H TORONADO BROUGHAM	OC /EGR/	/	/	/CAN 403- 4 A	4000	2.73	0.9	9	1.6
PONTIAC	TORONADO BROUGHAM	OC /EGR/	/	/	/CAN 403- 4 A	5000	2.73	0.9	5	1.9
DELTA 88	TORONADO	OC /EGR/	/	/	/CAN 403- 4 A	5000	2.73	0.8	5	1.3
OLDSMOBILE 98	DELTA 88	OC /EGR/	/	/	/CAN 403- 4 A	4500	2.41	1.1	5	1.8
H TORONADO										
H LESABRE										
ELECTRA										
RIVIERA										
	(DETERIORATION FACTORS FOR -	OC /EGR/	/	/	/CAN FAMILY 730P4UY		: 1.669	1.059	1.000	0.
(GM) BUICK										
740E2	VENTURA SJ	OC /EGR/OTR/	/	/CAN 231- 2 A	3500	2.56	0.6	5	1.8	
(231)	CENTURY	OC /EGR/OTR/	/	/CAN 231- 2 A	4000	2.73	0.9	14	1.8	
SUNBIRD	SUNBIRD	OC /EGR/OTR/	/	/CAN 231- 2 A	3500	2.93	0.7	7	1.5	
VENTURA	CENTURY CUSTOM SEDAN	OC /EGR/OTR/	/	/CAN 231- 2 M-3	4000	3.08	1.2	13	1.2	
PHOENIX	SUNBIRD	OC /EGR/OTR/	/	/CAN 231- 2 M-4	3500	2.93	1.4	13	0.9	
FIREBIRD	SKYHAWK	OC /EGR/OTR/	/	/CAN 231- 2 M-5	3500	2.56	1.4	7	1.3	
LEMANS										
PONTIAC										
OMEGA										
STATION WAGON										
CUTLASS										
DELTA 88										
SKYLARK										
SKYHAWK										
CENTURY										

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MANUFACTURER FAMILY DESIGNATION (CU. IN. DISPLACEMENT) CARLINES COVERED	TEST VEHICLE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISP.& CARB. VEN- IDES	T R A N S	INERTIA WEIGHT CLASS (LBS.)	AXLE RATIO	CERTIFICATION LEVELS EXHAUST EMISSIONS (GRAMS/MILE) HYDRO-CARBONS	CARBON MON-OXIDE	OXIDES OF NITRO-GEN	EVAP. EMIS- SIONS (GRAMS/ TEST) HYDRO- CARBONS
(GM) BUICK (CONTINUED)										
REGAL										
LESABRE										
	(DETERIORATION FACTORS FOR -	OC /EGR/OTR/	/	/CAN FAMILY 740E2			: 1.853	1.440	1.028	0.000
740E2LU	*SUNBIRD	AIR/OC /EGR/OTR/	/	/CAN 231- 2 A	3500	2.93	0.2	3	0.6	0.7
(231)	*PONTIAC FIREBIRD	AIR/OC /EGR/OTR/	/	/CAN 231- 2 A	4000	3.23	0.3	4	0.9	0.1
**SUNBIRD	**CENTURY SEDAN	AIR/OC /EGR/OTR/	/	/CAN 231- 2 A	4000	3.23	0.4	7	1.5	0.8
**VENTURA	*OMEGA	AIR/OC /EGR/OTR/	/	/CAN 231- 2 A	3500	3.23	0.4	5	0.9	0.1
**PHOENIX	*LEMANS SEDAN	AIR/OC /EGR/OTR/	/	/CAN 231- 2 M-3	4000	3.23	0.3	2	1.1	0.1
**FIREBIRD	*SKYHAWK	AIR/OC /EGR/OTR/	/	/CAN 231- 2 M-4	3500	2.93	0.3	2	0.9	0.6
**LEMANS	*SUNBIRD	AIR/OC /EGR/OTR/	/	/CAN 231- 2 M-5	3500	2.93	0.3	3	0.7	0.7
**PONTIAC										
**OMEGA										
**STATION WAGON										
**CUTLASS										
**DELTA 88										
**SKYLARK										
**SKYHAWK										
**CENTURY										
**REGAL										
**LESABRE										
	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/OTR/	/	/CAN FAMILY 740E2LU			: 1.103	1.000	1.000	0.000
740J2	REGAL	OC /EGR/OTR/	/	/CAN 350- 2 A	4500	2.41	1.0	13	1.3	0.1
(350)	CENTURY COUPE	OC /EGR/OTR/	/	/CAN 350- 2 A	4000	2.41	0.9	11	1.3	0.3
CENTURY										
REGAL										
LESABRE										
ELECTRA										
	(DETERIORATION FACTORS FOR -	OC /EGR/OTR/	/	/CAN FAMILY 740J2			: 1.649	1.174	1.076	0.000
740J4U	CENTURY CUSTOM WAGON	OC /EGR/OTR/	/	/CAN 350- 4 A	5000	2.73	0.9	15	1.4	0.0
(350)	ELECTRA LIMITED	OC /EGR/OTR/	/	/CAN 350- 4 A	4500	2.41	1.2	6	1.9	0.2
CENTURY	RIVIERA	OC /EGR/OTR/	/	/CAN 350- 4 A	4500	3.08	1.1	7	1.7	N/A
REGAL										
CENTURY WAGON										
LESABRE										
ELECTRA										
RIVIERA										
	(DETERIORATION FACTORS FOR -	OC /EGR/OTR/	/	/CAN FAMILY 740J4U			: 2.217	1.474	1.000	0.000

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1977 MODEL YEAR LIGHT DUTY VEHICLES

MANUFACTURER / FAMILY DESIGNATION (CU. IN. DISPLACEMENT) / CARLINES COVERED	TEST VEHICLES: TEST VEHICLE MODEL	EMISSION CONTROL SYSTEM	ENGINE ID/VIS	T R A N S	INERTIA WEIGHT CLASS (LBS)	AXLE RATIO	CERTIFICATION LEVELS: EXHAUST EMISSIONS (GRAMS/MILE): HYDRO-CARBONS	CARBON MON-OXIDE	OXIDES OF NITRO-GEN	EVAP. EMIS. (GMS/TEST): HYDRO-CARBONS
(GM) CADILLAC										
760J0	*SEVILLE	AIR/OC /EGR/ /	/CAN 350-FI	A	4500	2.56	0.4	4	1.5	0.
(350) *SEVILLE	(DETERIORATION FACTORS FOR - AIR/OC /EGR/ /		/CAN FAMILY 760J0				: 1.300	1.416	1.076	0.0
760J0H	SEVILLE -	AIR/FI /OC /EGR/	/CAN 350-FI	A	4500	2.56	0.6	9	1.5	0.
(350)	SEVILLE	AIR/FI /OC /EGR/	/CAN 350-FI	A	4500	3.08	0.6	9	1.6	0.
H SEVILLE	H SEVILLE -	AIR/FI /OC /EGR/	/CAN 350-FI	A	4500	3.08	0.3	5	1.3	0.
	(DETERIORATION FACTORS FOR - AIR/FI /OC /EGR/		/CAN FAMILY 760J0H				: 1.000	1.316	1.000	0.0
760V0	H DEVILLE SEDAN	AIR/OC /EGR/ /	/CAN 425-FI	A	5000	3.08	0.7	13	1.4	0.
(425)	DEVILLE SEDAN	AIR/OC /EGR/ /	/CAN 425-FI	A	5000	2.73	0.8	11	1.5	0.
H CADILLAC	H ELDORADO -	AIR/OC /EGR/ /	/CAN 425-FI	A	5500	3.07	0.9	13	2.0	0.1
H ELDORADO	ELDORADO	AIR/OC /EGR/ /	/CAN 425-FI	A	5500	2.73	0.8	14	1.5	0.1
	(DETERIORATION FACTORS FOR - AIR/OC /EGR/ /		/CAN FAMILY 760V0				: 1.118	1.001	1.052	0.0
760V4S	*DEVILLE SEDAN	AIR/OC /EGR/OTH/	/CAN 425- 4	A	5000	2.73	0.3	2	1.8	N/A
(425)	H DEVILLE SEDAN	AIR/OC /EGR/OTH/	/CAN 425- 4	A	5000	2.73	0.7	10	1.4	0.
H*CADILLAC	* DEVILLE SEDAN	AIR/OC /EGR/OTH/	/CAN 425- 4	A	5000	3.08	0.3	4	1.4	0.
H*LIMOUSINE	*ELDORADO	AIR/OC /EGR/OTH/	/CAN 425- 4	A	5500	2.73	0.4	5	1.7	0.
*ELDORADO	COMMERCIAL CHASSIS	AIR/OC /EGR/OTH/	/CAN 425- 4	A	5500	3.15	0.4	3	1.9	0.
H*COMM. CHASSIS										
	(DETERIORATION FACTORS FOR - AIR/OC /EGR/OTH/		/CAN FAMILY 760V4S				: 1.210	1.112	1.000	0.0
760V4U	DEVILLE SEDAN	OC /EGR/OTH/	/CAN 425- 4	A	5000	3.08	0.4	3	2.0	N/A
(425)	H ELDORADO	OC /EGR/OTH/	/CAN 425- 4	A	5000	3.07	0.6	8	2.0	0.
H CADILLAC	DEVILLE COUPE	OC /EGR/OTH/	/CAN 425- 4	A	4500	2.28	0.5	5	1.6	0.
LIMOUSINE	ELDORADO	OC /EGR/OTH/	/CAN 425- 4	A	5500	2.73	0.6	8	2.0	0.
H ELDORADO	DEVILLE BROUGHAM	OC /EGR/OTH/	/CAN 425- 4	A	5000	2.28	0.4	10	1.5	N/A
COMM. CHASSIS	COMMERCIAL CHASSIS	OC /EGR/OTH/	/CAN 425- 4	A	5500	3.15	0.5	5	2.0	0.
	ELDORADO	OC /EGR/OTH/	/CAN 425- 4	A	5500	3.07	0.7	3	1.8	0.
	(DETERIORATION FACTORS FOR - OC /EGR/OTH/		/CAN FAMILY 760V4U				: 1.374	1.593	1.000	0.0
HONDA										
77E8	CIVIC	GTH/ / / /	/CAN 91- 2 M-4		2000	4.93	0.8	11	1.4	0.
(76)	HONDA CIVIC 1 DOOR SEDAN	GTH/ / / /	/CAN 76- 2 S-A		2000	4.12	0.4	8	1.7	0.
CIVIC										
	(DETERIORATION FACTORS FOR - GTH/ / / /		/CAN FAMILY 77E8				: 1.000	1.000	1.000	0.1
77ED-1	*CIVIC	GTH/ / / /	/CAN 91- 3 M-4		2000	4.07	0.7	3	1.2	0.
(91+ CM)	*HONDA CIVIC CVCC 5 DR WAG	GTH/ / / /	/CAN 91- 3 M-4		2250	4.43	0.2	3	1.2	0.
H*CIVIC CVCC	H CIVIC	GTH/ / / /	/CAN 91- 3 M-5		2000	4.07	0.7	5	1.4	1.
H*CIVIC CVCC WAGON	*HONDA CIVIC CVCC 5DR WAG	GTH/ / / /	/CAN 91- 3 S-A		2250	4.12	0.2	4	1.2	0.

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MANUFACTURER / FAMILY DESIGNATION (CU. IN. DISPLACEMENT) / CARLINES COVERED	TEST VEHICLES: TEST VEHICLE MODEL	EMISSION CONTROL SYSTEM	ENGINE ID/VIS	T R A N S	INERTIA WEIGHT CLASS (LBS)	AXLE RATIO	CERTIFICATION LEVELS: EXHAUST EMISSIONS (GRAMS/MILE): HYDRO-CARBONS	CARBON MON-OXIDE	OXIDES OF NITRO-GEN	EVAP. EMIS. (GMS/TEST): HYDRO-CARBONS
HONDA (CONTINUED)										
H*ACCORD CVCC	*ACCORD	GTH/ / / /	/CAN 98- 3 M-5		2250	4.27	0.3	2	1.2	0.4
	*HONDA ACCORD CVCC	GTH/ / / /	/CAN 98- 3 S-A		2250	4.12	0.2	3	1.3	0.4
	(DETERIORATION FACTORS FOR - GTH/ / / /		/CAN FAMILY 77ED-1				: 1.000	1.000	1.000	0.15
77ED-2	CIVIC	GTH/ / / /	/CAN 91- 3 M-4		2000	3.89	1.4	6	1.5	0.4
(91+ CM)	HONDA CIVIC CVCC 5DR WAG	GTH/ / / /	/CAN 91- 3 M-4		2250	4.43	0.9	5	1.7	0.4
CIVIC CVCC	HONDA CIVIC CVCC 5DR WAG	GTH/ / / /	/CAN 91- 3 S-A		2250	4.12	0.4	4	1.5	0.3
CIVIC CVCC WAGON	ACCORD	GTH/ / / /	/CAN 98- 3 M-5		2250	4.27	1.3	5	1.4	0.3
ACCORD CVCC	HONDA ACCORD CVCC	GTH/ / / /	/CAN 98- 3 S-A		2250	4.12	0.5	4	1.7	0.4
	(DETERIORATION FACTORS FOR - GTH/ / / /		/CAN FAMILY 77ED-2				: 1.000	1.000	1.000	0.15
ISUZU										
G190Z-H	*OPEL 4 DR SEDAN	AIR/OC /EGR/ /	/CHK 111- 2 A		2500	3.54	0.3	4	1.0	0.0
(111)	*OPEL 2 DR COUPE	AIR/OC /EGR/ /	/CHK 111- 2 M-4		2500	3.54	0.3	5	0.6	N/A
H*OPEL BY ISUZU	H OPEL 2 DR COUPE	AIR/OC /EGR/ /	/CHK 111- 2 M-5		2500	3.54	0.4	6	1.5	0.0
	(DETERIORATION FACTORS FOR - AIR/OC /EGR/ /		/CHK FAMILY G190Z-H				: 2.239	3.118	1.000	0.00
G190Z-F	OPEL 4 DR SEDAN	AIR/EGR/ / /	/CHK 111- 2 A		2500	3.54	0.9	11	1.3	0.0
(111)	OPEL 2 DR SEDAN	AIR/EGR/ / /	/CHK 111- 2 M-4		2500	3.54	0.7	10	1.6	N/A
OPEL BY ISUZU										
	(DETERIORATION FACTORS FOR - AIR/EGR/ / /		/CHK FAMILY G190Z-F				: 1.000	1.000	1.000	0.00
LOTUS										
LOT1	*LOTUS ELITE AUTOMATIC	AIR/OC / / /	/CAN 121- 1 A		2750	3.73	0.5	3	1.0	N/A
(121)	*LOTUS ESPRIT	AIR/OC / / /	/CAN 121- 1 M-5		2500	4.37	0.3	4	1.1	0.2
*ESPRIT	*LOTUS ELITE	AIR/OC / / /	/CAN 121- 1 M-5		2750	3.73	0.3	3	1.8	0.2
*ECLAT										
*ELITE										
	(DETERIORATION FACTORS FOR - AIR/OC / / /		/CAN FAMILY LOT1				: 1.476	1.146	1.000	0.13
MASERATI										
107/49	*KHAMSIN 120	AIR/THM/ / /	/CAN 301- 8 A		4000	3.54	0.3	6	1.1	0.0
(301)	*HOPA 117	AIR/THM/ / /	/CAN 301- 8 M-5		4000	4.22	0.4	6	1.0	0.0
*KHAMSIN										
*HOPA										
	(DETERIORATION FACTORS FOR - AIR/THM/ / /		/CAN FAMILY 107/49				: 1.000	1.000	1.000	0.00
MERCEDES BENZ										
V-8/OC-6.9	*M 116 V (450 SEL 6.9)	AIR/FI /OC /EGR/	/CAN 417-FI A		4500	2.65	0.3	6	1.2	0.0
(417)	H M 116 V (450 SEL 6.9)	AIR/FI /OC /EGR/	/CAN 417-FI A		4500	2.65	0.3	3	1.6	0.0
H*450 SE										
H*450 SEL										
	(DETERIORATION FACTORS FOR - AIR/FI /OC /EGR/		/CAN FAMILY V-8/OC-6.9				: 1.336	1.593	1.000	0.00

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MANUFACTURER FAMILY DESIGNATION (CU. IN. DISPLACEMENT) CARLINES COVERED	TEST VEHICLE	FUEL	EMISSION CONTROL SYSTEM	ENGINE DISP. CARB. VEN- TUBES	TR AN S	INERTIA WEIGHT CLASS (LBS.)	AXLE RATIO	CERTIFICATION LEVELS EXHAUST EMISSIONS (GRAMS/MILE) HYDRO-CARBONS	CARBON MON-OXIDE	OXIDES OF NITRO-GEN	EV (G HY CA
MERCEDES-BENZ (CONTINUED)											
2/L-4V/DOC-2.3 (141) M-230	M 8 123 (230)	DIR/DOC/EGR/	/ /CAN	141- 1	A	3500	3.69	0.6	14	1.1	
	M 123 (230)	DIR/DOC/EGR/	/ /CAN	141- 1	A	3500	3.69	0.3	6	1.1	
	(DETERIORATION FACTORS FOR - DIR/DOC/EGR/ / / /CAN FAMILY 2/L-4V/DOC-2.3 : 1.333 1.150 1.100 0.										
2A/L-6E/OC-2.8 (168) M 280 S	M 123 (280 E)	DIR/FI /OC /EGR/	/CAN 168-FI		A	4000	3.54	0.8	6	1.7	
	M 123 (280 S)	DIR/FI /OC /EGR/	/CAN 168-FI		A	4000	3.69	0.8	7	1.5	
	M 123 (280 E)	DIR/FI /OC /EGR/	/CAN 168-FI		A	4000	3.54	1.4	8	1.8	
	(DETERIORATION FACTORS FOR - DIR/FI /OC /EGR/ /CAN FAMILY 2A/L-6E/OC-2.8 : 1.406 1.479 1.000 0.										
2A/V-8/4.5/107 (276) 450 SL 450 SLC	M 107 C (450 SLC)	DIR/FI /OC /EGR/	/CAN 276-FI		A	4000	3.06	1.2	7	1.7	
	(DETERIORATION FACTORS FOR - DIR/FI /OC /EGR/ /CAN FAMILY 2A/V-8/4.5/107 : 1.349 1.395 1.000 0.										
2A/V-8/4.5/116 (276) M-450 SE M-450 SEL	M 116 (450 SEL)	DIR/FI /OC /EGR/	/CAN 276-FI		A	4500	3.06	0.5	8	1.7	
	M 116 V (450 SEL)	DIR/FI /OC /EGR/	/CAN 276-FI		A	4500	3.06	0.5	6	1.8	
	(DETERIORATION FACTORS FOR - DIR/FI /OC /EGR/ /CAN FAMILY 2A/V-8/4.5/116 : 1.360 1.534 1.000 0.										
2B/L-6E/DMC/2.8 (168) M-280E M-280 S	M 116 (280 SE)	DIR/FI /DMC/EGR/	/CAN 168-FI		A	4000	3.69	0.4	2	1.4	
	M 123 (280 E)	DIR/FI /DMC/EGR/	/CAN 168-FI		A	4000	3.54	0.8	15	1.2	
	M 123 (280 E)	DIR/FI /DMC/EGR/	/CAN 168-FI		A	4000	3.54	0.2	1	1.2	
	(DETERIORATION FACTORS FOR - DIR/FI /DMC/EGR/ /CAN FAMILY 2B/L-6E/DMC/2.8 : 1.087 1.235 1.134 0.										
2B/V-8/4.5/107 (276) M-450 SL M-450 SLC	M 107 C (450 SL)	DIR/FI /OC /EGR/	/CAN 276-FI		A	4000	3.06	0.7	4	1.3	
	M 107 C (450 SL)	DIR/FI /OC /EGR/	/CAN 276-FI		A	4000	3.06	0.5	10	1.0	
	(DETERIORATION FACTORS FOR - DIR/FI /OC /EGR/ /CAN FAMILY 2B/V-8/4.5/107 : 1.322 1.324 1.000 0.										
2B/V-8/4.5/116 (276) M-450 SE M-450 SEL	M 107 C (450 SLC)	DIR/FI /OC /EGR/	/CAN 276-FI		A	4500	3.06	0.3	2	1.3	
	M 107 C (450 SLC)	DIR/FI /OC /EGR/	/CAN 276-FI		A	4500	3.06	0.5	7	1.2	
	(DETERIORATION FACTORS FOR - DIR/FI /OC /EGR/ /CAN FAMILY 2B/V-8/4.5/116 : 1.347 1.375 1.000 0.										

MANUFACTURER FAMILY DESIGNATION (CU. IN. DISPLACEMENT) CARLINES COVERED	TEST VEHICLE	FUEL	EMISSION CONTROL SYSTEM	ENGINE DISP. CARB. VEN- TUBES	TR AN S	INERTIA WEIGHT CLASS (LBS.)	AXLE RATIO	CERTIFICATION LEVELS EXHAUST EMISSIONS (GRAMS/MILE) HYDRO-CARBONS	CARBON MON-OXIDE	OXIDES OF NITRO-GEN	EV (G HY CA
MITSUBISHI											
463-C (180) ARROW COLT	DODGE COLT	DIR/TM*/EGR/	/ /CAN	98- 2	A	2500	3.69	0.4	6	1.3	0
	DODGE COLT	DIR/TM*/EGR/	/ /CAN	98- 2	A	2500	3.69	0.3	6	1.3	1
	DODGE COLT	DIR/TM*/EGR/	/ /CAN	98- 2	M-4	2250	3.89	0.3	5	1.2	0
	PLYMOUTH ARROW	DIR/TM*/EGR/	/ /CAN	98- 2	M-4	2500	3.89	0.3	5	1.1	0
	DODGE COLT	DIR/TM*/EGR/	/ /CAN	98- 2	M-5	2500	4.22	0.9	8	1.5	0
	DODGE COLT	DIR/TM*/EGR/	/ /CAN	98- 2	M-5	2500	4.22	0.3	4	1.2	0
	(DETERIORATION FACTORS FOR - DIR/TM*/EGR/ / / /CAN FAMILY 463-C : 1.000 1.000 1.000 0.										
463-F (180) ARROW CELESTE COLT COLT WAGON CHICKET LANCER CHICKET WAGON	PLYMOUTH ARROW	DIR/EGR/ / / /CAN		98- 2	A	2500	3.89	1.4	11	1.6	0
	DODGE COLT	DIR/EGR/ / / /CAN		98- 2	A	2500	3.54	1.2	9	1.7	0
	DODGE COLT	DIR/EGR/ / / /CAN		98- 2	M-4	2250	3.89	1.5	9	1.8	0
	PLYMOUTH ARROW	DIR/EGR/ / / /CAN		98- 2	M-4	2500	3.89	1.2	9	1.8	0
	DODGE COLT	DIR/EGR/ / / /CAN		98- 2	M-4	2250	3.31	1.5	7	1.5	0
	DODGE COLT	DIR/EGR/ / / /CAN		98- 2	M-5	2500	4.22	1.0	9	1.7	0
	(DETERIORATION FACTORS FOR - DIR/EGR/ / / /CAN FAMILY 463-F : 1.000 1.000 1.000 0.										
465-C (122) ARROW COLT COLT WAGON	DODGE COLT	DIR/TM*/EGR/ / / /CAN		122- 2	A	2250	3.54	0.3	5	1.2	0
	PLYMOUTH ARROW	DIR/TM*/EGR/ / / /CAN		122- 2	M-5	2250	3.89	0.3	6	1.1	0
	(DETERIORATION FACTORS FOR - DIR/TM*/EGR/ / / /CAN FAMILY 465-C : 1.000 1.000 1.000 0.										
465-F (122) ARROW CELESTE COLT COLT WAGON CHICKET LANCER CHICKET WAGON CHICKET WAGON	DODGE COLT	DIR/EGR/ / / /CAN		122- 2	A	2250	3.54	1.1	9	1.5	0
	PLYMOUTH ARROW	DIR/EGR/ / / /CAN		122- 2	M-5	2250	3.89	1.0	9	1.8	0
	(DETERIORATION FACTORS FOR - DIR/EGR/ / / /CAN FAMILY 465-F : 1.000 1.000 1.000 0.										
NISSAN											
A140C (85) M-A-210	M-210	DIR/OC /EGR/	/ /CAN	85- 2	A	2250	3.89	0.3	3	0.9	0
	M-210	DIR/OC /EGR/	/ /CAN	85- 2	A	2500	3.89	0.3	3	1.0	0
	M-210	DIR/OC /EGR/	/ /CAN	85- 2	M-4	2250	3.70	0.4	2	1.1	0

MANUFACTURER FAMILY DESIGNATION (CU. IN. DISPLACEMENT) CARLINES COVERED	TEST VEHICLE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISP.& CARB. VEN- TURIS	T R A N S	INERTIA WEIGHT CLASS (LBS.)	AXLE RATIO	CERTIFICATION LEVELS EXHAUST EMISSIONS (GRAMS/MILE) HYDRO-CARBONS	CARBON MON-OXIDE	OXIDES OF NITRO-GEN	EVAP EMIS- SION (GMS/ TEST HYDRO CARB
NISSAN (CONTINUED)										
M-F-10	*2210	AIR/OC /EGR/ /	/CAN 85- 2	M-5	2250	3.70	0.4	4	0.9	0.
M-F-10 WAGON	M-2210	AIR/OC /EGR/ /	/CAN 85- 2	M-5	2250	3.70	0.3	2	1.1	0.
	*F10	AIR/OC /EGR/ /	/CAN 85- 2	M-5	2250	3.47	0.2	2	1.1	0.
	(DETERIORATION FACTORS FOR - AIR/OC /EGR/ /		/CAN FAMILY A140C				: 1.304	1.000	1.000	0.0
A140F	*210	AIR/EGR/ / /	/CAN 85- 2	A	2250	3.89	1.4	12	1.3	0.
(A5)	M210	AIR/EGR/ / /	/CAN 85- 2	M-4	2250	3.70	1.3	8	1.4	0.
B-210	M210	AIR/EGR/ / /	/CAN 85- 2	M-5	2250	3.70	1.4	10	1.4	0.
F-10	F10	AIR/EGR/ / /	/CAN 85- 2	M-5	2250	3.47	1.2	9	1.3	0.
F-10 WAGON										
	(DETERIORATION FACTORS FOR - AIR/EGR/ / /		/CAN FAMILY A140F				: 1.050	1.000	1.000	0.0
A141F	*210	AIR/OC /EGR/ /	/CAN 85- 2	M-5	2250	3.70	0.6	3	1.4	0.
(A5)										
B-210										
	(DETERIORATION FACTORS FOR - AIR/OC /EGR/ /		/CAN FAMILY A141F				: 1.536	1.511	1.000	0.0
L200C	*710	AIR/OC /EGR/ /	/CAN 119- 2	A	3000	3.70	0.2	6	1.2	0.
(119)	*710	AIR/OC /EGR/ /	/CAN 119- 2	M-4	2750	3.70	0.4	7	1.0	0.
M-710	*710	AIR/OC /EGR/ /	/CAN 119- 2	M-4	3000	3.70	0.4	8	1.1	0.
M-710 WAGON	*200SX	AIR/OC /EGR/ /	/CAN 119- 2	M-5	2750	3.89	0.2	2	1.0	0.
M-200 SX	M-200SX	AIR/OC /EGR/ /	/CAN 119- 2	M-5	2750	3.89	0.3	7	0.8	0.
	(DETERIORATION FACTORS FOR - AIR/OC /EGR/ /		/CAN FAMILY L200C				: 1.487	1.744	1.000	0.0
L200F	710	AIR/EGR/ / /	/CAN 119- 2	A	2750	3.70	1.5	10	1.7	0.
(119)	710	AIR/EGR/ / /	/CAN 119- 2	M-4	2750	3.70	1.5	15	1.6	0.
710	200SX	AIR/EGR/ / /	/CAN 119- 2	M-5	2750	3.89	1.2	11	1.4	0.
710 WAGON										
200 SX										
	(DETERIORATION FACTORS FOR - AIR/EGR/ / /		/CAN FAMILY L200F				: 1.164	1.156	1.000	0.0
L240C	*810	FI /OC /EGR/ /	/CAN 146-FI	A	3000	3.70	0.3	2	1.0	0.
(146)	*810	FI /OC /EGR/ /	/CAN 146-FI	M-4	3000	3.70	0.3	4	1.2	0.
M-810	M-810	FI /OC /EGR/ /	/CAN 146-FI	M-4	3000	3.70	0.6	9	1.2	0.
M-810 WAGON										
	(DETERIORATION FACTORS FOR - FI /OC /EGR/ /		/CAN FAMILY L240C				: 1.118	1.000	1.000	0.1
L240F	810	FI /EGR/ / /	/CAN 146-FI	A	3000	3.70	1.3	8	1.6	0.
(146)	810	FI /EGR/ / /	/CAN 146-FI	M-4	3000	3.70	1.4	10	1.4	0.
810										
810 WAGON										
	(DETERIORATION FACTORS FOR - FI /EGR/ / /		/CAN FAMILY L240F				: 1.157	1.210	1.000	0.1

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MANUFACTURER FAMILY DESIGNATION (CU. IN. DISPLACEMENT) CARLINES COVERED	TEST VEHICLE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISP.& CARB. VEN- TURIS	T R A N S	INERTIA WEIGHT CLASS (LBS.)	AXLE RATIO	CERTIFICATION LEVELS EXHAUST EMISSIONS (GRAMS/MILE) HYDRO-CARBONS	CARBON MON-OXIDE	OXIDES OF NITRO-GEN	EVAP EMIS- SION (GMS/ TEST HYDRO CARB
NISSAN (CONTINUED)										
L280C	*2807	FI /OC /EGR/ /	/CAN 168-FI	A	3000	3.54	0.2	3	0.9	0.
(168)	M-2807	FI /OC /EGR/ /	/CAN 168-FI	A	3000	3.54	0.3	6	1.2	0.
M-2807	*2807	FI /OC /EGR/ /	/CAN 168-FI	M-4	3000	3.54	0.2	3	0.9	0.
	(DETERIORATION FACTORS FOR - FI /OC /EGR/ /		/CAN FAMILY L280C				: 1.137	1.113	1.075	0.0
L280F	2807	FI /EGR/ / /	/CAN 168-FI	A	3000	3.54	1.4	5	1.5	0.
(168)	2807	FI /EGR/ / /	/CAN 168-FI	M-4	3000	3.54	1.1	7	1.6	0.
2807										
	(DETERIORATION FACTORS FOR - FI /EGR/ / /		/CAN FAMILY L280F				: 1.011	1.000	1.002	0.0
PEUGEOT										
112.9.D	M A0405L	AIR/OC /EGR/ /	/CAN 163- 3	A	3400	3.70	1.0	10	1.6	1.
(163)	A0405L	AIR/OC /EGR/ /	/CAN 163- 3	A	3500	3.70	0.8	7	1.6	0.
M A0405L	A0405L	AIR/OC /EGR/ /	/CAN 163- 3	M-4	3500	3.70	0.7	4	1.1	0.
	(DETERIORATION FACTORS FOR - AIR/OC /EGR/ /		/CAN FAMILY 112.9.D				: 1.219	1.144	1.132	0.0
112.9.E	M A0405L	AIR/OC /EGR/ /	/CAN 163- 3	A	3400	3.70	0.7	8	0.8	1.
(163)	A0405L	AIR/OC /EGR/ /	/CAN 163- 3	A	3500	3.70	0.6	5	1.1	0.
M A0405L	A0405L	AIR/OC /EGR/ /	/CAN 163- 3	M-4	3500	3.70	0.6	3	0.9	0.
	(DETERIORATION FACTORS FOR - AIR/OC /EGR/ /		/CAN FAMILY 112.9.E				: 1.217	1.087	1.232	0.0
PORSCHE										
FAMILY II	911S	AIR/FI /TH#/EGR/	/CAN 164-FI	M-5	2750	3.88	0.6	7	0.9	0.
(164)	M-911S	AIR/FI /TH#/EGR/	/CAN 164-FI	M-5	2750	3.88	0.5	9	1.2	0.
M-911S	*911S	AIR/FI /TH#/EGR/	/CAN 164-FI	M-5	2750	3.88	0.7	6	0.9	0.
	*911S	AIR/FI /TH#/EGR/	/CAN 164-FI	S-A	2750	3.38	0.3	6	1.2	0.
	M-911S	AIR/FI /TH#/EGR/	/CAN 164-FI	S-A	2750	3.38	0.3	10	1.1	0.
	(DETERIORATION FACTORS FOR - AIR/FI /TH#/EGR/		/CAN FAMILY FAMILY II				: 1.000	1.110	1.010	0.0
IV	*TURBO CARRERA	AIR/FI /TH#/TURB/EGR/CAN	183-FI	M-4	3000	4.22	0.2	7	1.0	N/A
(183)										
*TURBO CARRERA										
	(DETERIORATION FACTORS FOR - AIR/FI /TH#/TURB/EGR/CAN FAMILY IV						: 1.000	1.000	1.000	0.0
V	924	AIR/FI /EGR/ /	/CAN 121-FI	A	3000	3.44	1.5	8	1.7	0.
(121)	924	AIR/FI /EGR/ /	/CAN 121-FI	M-4	3000	3.44	1.0	6	1.6	0.
M 924	M 924	AIR/FI /EGR/ /	/CAN 121-FI	M-4	3000	3.44	1.1	10	1.8	0.
	(DETERIORATION FACTORS FOR - AIR/FI /EGR/ /		/CAN FAMILY V				: 1.000	1.000	1.054	0.0
VI	*924	FI /OC /EGR/ /	/CAN 121-	M-4	3000	3.44	0.3	4	1.1	0.
(121)	*924	FI /OC /EGR/ /	/CAN 121-	M-4	3000	3.44	0.3	3	1.1	0.
*924										
	(DETERIORATION FACTORS FOR - FI /OC /EGR/ /		/CAN FAMILY VI				: 1.255	1.148	1.004	0.0

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1977 MODEL YEAR LIGHT DUTY VEHICLES

MANUFACTURER / FAMILY DESIGNATION (CU. IN. DISPLACEMENT) / CARLINES COVERED	TEST VEHICLE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISP.& CARB. VEN- TURIS	TRANS. N	INERTIA WEIGHT CLASS (LBS.)	AXLE RATIO	CERTIFICATION LEVELS: EXHAUST EMISSIONS (GRAMS/MILE) HYDRO-CARBONS	CARBON MON-OXIDE	OXIDES OF NITRO-GEN	EVAP. EMIS- SION (GRS/ TES HYDRO CARBO
PORSCHE (CONTINUED)										
911 (121) 911	911	AIR/FI /OC /EGR/	/CAN 121-FI	A	3000	3.73	0.4	1	1.8	
	911	AIR/FI /OC /EGR/	/CAN 121-FI	A	3000	3.73	1.1	6	1.7	
	911	AIR/FI /OC /EGR/	/CAN 121-FI	M-4	3000	3.44	0.2	4	1.1	
	(DETERIORATION FACTORS FOR -	AIR/FI /OC /EGR/	/CAN FAMILY 911				: 1.072	1.449	1.032	0.
RENAULT 8100 (79) 5 LE CAR	RENAULT 5TL	AIR/FI/ / /	/CAN 79- 2	M-4	2000	3.63	1.2	14	2.0	N/
	RENAULT 5GTL	AIR/FI/ / /	/CAN 79- 2	M-4	2000	3.63	1.3	16	2.0	N/
	(DETERIORATION FACTORS FOR -	AIR/FI/ / /	/CAN FAMILY 8100				: 1.000	1.034	1.000	0.
843F1R (101) 12 CORDINI	COUPE 1 COUPE CONV.	AIR/FI /EGR/ /	/CAN 101-FI	M-5	2750	3.77	1.1	.8	1.5	N/
	(DETERIORATION FACTORS FOR -	AIR/FI /EGR/ /	/CAN FAMILY 843F1R				: 1.017	1.010	1.000	0.
943R (101) 12 12 WAGON 17	12GTL COUPE CONV.	AIR/FI/EGR/ / /	/CAN 101- 2	A	2750	3.55	1.3	11	1.6	N/
	12GTL SEDAN	AIR/FI/EGR/ / /	/CAN 101- 2	A	2500	3.55	1.4	15	1.8	N/
	RENAULT 12 STATION WAGON	AIR/FI/EGR/ / /	/CAN 101- 2	M-4	2500	3.55	1.2	12	1.3	N/
	(DETERIORATION FACTORS FOR -	AIR/FI/EGR/ / /	/CAN FAMILY 943R				: 1.000	1.048	1.000	0
943RC (101) 12 12 WAGON 17	12GTL SEDAN	AIR/OC /EGR/ /	/CAN 101- 2	A	2500	3.55	0.4	6	1.3	N/
	17GTL COUPE CONVERTIBLE	AIR/OC /EGR/ /	/CAN 101- 2	A	2750	3.55	0.2	3	1.2	N/
	12 STATION WAGON	AIR/OC /EGR/ /	/CAN 101- 2	M-4	2500	3.55	0.3	3	1.2	N/
	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/ /	/CAN FAMILY 943RC				: 1.363	1.517	1.000	0
ROLLS-ROYCE (412)	SILVER SHADOW 4 DR SEDAN	AIR/OC /EGR/ /	/CAN 412- 2	A	5500	3.08	0.2	2	1.1	
	SILVER SHADOW 4 DR SEDAN	AIR/OC /EGR/ /	/CAN 412- 2	A	5500	3.08	0.2	1	2.0	
	SILVER SHADOW 4 DR SEDAN	AIR/OC /EGR/ /	/CAN 412- 2	A	5500	3.08	0.4	6	1.6	
	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/ /	/CAN FAMILY 1				: 1.000	1.000	1.000	0
SAAB 8120CA (121) 99	99GL SEDAN	/FI /TWC/ /	/CAN 121-FI	M-4	3000	3.89	0.2	4	0.2	
	99GLE SEDAN	/FI /TWC/ /	/CAN 121-FI	A	3000	3.89	0.2	3	0.3	
	99GLE SEDAN	/FI /TWC/ /	/CAN 121-FI	A	3000	3.89	0.3	6	0.3	
	(DETERIORATION FACTORS FOR -	/FI /TWC/ /	/CAN FAMILY 8120CA				: 2.323	1.520	1.536	0

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1977 MODEL YEAR LIGHT DUTY VEHICLES

MANUFACTURER / FAMILY DESIGNATION (CU. IN. DISPLACEMENT) / CARLINES COVERED	TEST VEHICLE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISP.& CARB. VEN- TURIS	TRANS. N	INERTIA WEIGHT CLASS (LBS.)	AXLE RATIO	CERTIFICATION LEVELS: EXHAUST EMISSIONS (GRAMS/MILE) HYDRO-CARBONS	CARBON MON-OXIDE	OXIDES OF NITRO-GEN	EVAP. EMIS- SION (GRS/ TES HYDRO CARBO
SAAB (CONTINUED) 8120DA (121) 99	99 GL SEDAN	AIR/FI /EGR/ /	/CAN 121-FI	A	3000	3.89	1.5	5	1.5	0.1
	99 GL SEDAN	AIR/FI /EGR/ /	/CAN 121-FI	M-4	3000	3.89	0.9	8	1.8	0.1
	(DETERIORATION FACTORS FOR -	AIR/FI /EGR/ /	/CAN FAMILY 8120DA				: 1.000	1.060	1.087	0.10
STUTZ 730M4AU (403) STUTZ	TORONADO BROUGHAM	AIR/OC /EGR/ /	/CAN 403- 4	A	5000	2.73	0.6	6	1.3	0.0
	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/ /	/CAN FAMILY 730M4AU				: 1.015	1.000	1.000	0.00
TOYO KOGYO CNAP (97) MAZDA RX4 MAZDA RX4 WAGON	MAZDA 808 (1600) ST WAGON	AIR/OC /EGR/ /	/CAN 97- 2	A	2500	3.64	0.2	3	1.0	N/A
	MAZDA 808 (1600) COUPE	AIR/OC /EGR/ /	/CAN 97- 2	M-5	2500	3.64	0.3	4	1.1	0.1
	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/ /	/CAN FAMILY CNAP				: 1.214	1.162	1.013	0.00
CTCP (78) MAZDA RX4 MAZDA RX4 WAGON	MAZDA 808 (1300) 11770	AIR/OC /EGR/ /	/CAN 78- 2	A	2250	4.10	0.3	7	1.0	0.0
	MAZDA 808 (1300) COUPE	AIR/OC /EGR/ /	/CAN 78- 2	M-4	2250	3.73	0.3	5	0.9	0.0
	MAZDA 808 (1300) ST WAGON	AIR/OC /EGR/ /	/CAN 78- 2	M-4	2500	3.72	0.2	4	0.9	0.0
	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/ /	/CAN FAMILY CTCP				: 1.345	1.421	1.000	0.00
FNA (97) MAZDA RX4 MAZDA RX4 WAGON	MAZDA 808 (1600) COUPE	AIR/ / / /	/CAN 97- 2	A	2500	3.91	0.3	8	1.4	0.5
	MAZDA 808 (1600) COUPE	AIR/ / / /	/CAN 97- 2	A	2500	3.91	0.4	10	1.7	0.0
	MAZDA 808 (1600) ST WAGON	AIR/ / / /	/CAN 97- 2	M-4	2500	3.64	0.5	10	1.8	0.0
	(DETERIORATION FACTORS FOR -	AIR/ / / /	/CAN FAMILY FNA				: 1.000	1.000	1.119	0.00
FTCP (78) MAZDA RX4 MAZDA RX4 WAGON GLC	MAZDA 808 (1300)	AIR/OC /EGR/ /	/CAN 78- 2	A	2250	4.10	0.6	9	1.4	0.1
	MAZDA 808 (1300)	AIR/OC /EGR/ /	/CAN 78- 2	A	2250	4.10	0.9	15	1.6	0.4
	MAZDA 808 (1300) COUPE	AIR/OC /EGR/ /	/CAN 78- 2	M-4	2250	3.73	0.8	12	1.2	0.1
	MAZDA 808 (1300) ST WAGON	AIR/OC /EGR/ /	/CAN 78- 2	M-4	2500	3.73	0.7	10	1.3	0.1
	MAZDA 808 (1300) COUPE	AIR/OC /EGR/ /	/CAN 78- 2	M-4	2250	3.73	0.9	12	1.3	0.7
	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/ /	/CAN FAMILY FTCP				: 1.484	1.365	1.000	0.00
REP (78, RM) RX-3 RX-4 RX4 WAGON RX-4 GLC	MAZDA RX-3 SP	AIR/TWC/ / /	/CAN 78- 4	A	2750	3.73	0.8	6	1.3	0.1
	MAZDA RX-3SSP	AIR/TWC/EGR/ / /	/CAN 78- 4	A	2750	3.73	0.6	3	0.9	0.1
	MAZDA RX-3 SP	AIR/TWC/ / /	/CAN 78- 4	M-5	2750	3.73	0.3	2	1.0	0.0
	MAZDA RX-3 SP	AIR/TWC/ / /	/CAN 78- 4	M-5	2750	3.73	1.0	9	1.6	0.1
	MAZDA RX-4 STATION WAGON	AIR/TWC/EGR/ /	/CAN 80- 4	A	3000	3.63	0.8	10	1.8	0.1
	MAZDA RX-4 COUPE	AIR/TWC/EGR/ /	/CAN 80- 4	A	3000	3.63	0.3	4	0.9	0.0
	MAZDA COSMO	AIR/TWC/ / /	/CAN 80- 4	M-5	3000	3.63	0.8	8	1.5	0.0

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1977 MODEL YEAR LIGHT DUTY VEHICLES

MANUFACTURER FAMILY DESIGNATION (CU. IN. DISPLACEMENT) CARLINES COVERED	TEST VEHICLES: TEST VEHICLE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISP. CARB. VEN- TURIS	TRANS. A/M CLASS	INERTIA WEIGHT CLASS (LBS.)	AXLE RATIO	CERTIFICATION LEVELS: EXHAUST EMISSIONS (GRAMS/MILE) HYDRO-CARBONS	CARBON MONOXIDE	OXIDES OF NITROGEN	EVAPORATIVE EMISSIONS (GRAMS/TEST) HYDROCARBONS
TOYO KOGYO (CONTINUED)	M MAZDA 1850	AIR/THC/	/ / /CAN	80- 4	M-5	3000	3.63	1.1	6	1.2	0.
	*MAZDA 1850	AIR/THC/	/ / /CAN	80- 4	M-5	3000	3.63	0.4	4	1.0	0.
	(DETERIORATION FACTORS FOR =	AIR/THC/	/ / /CAN	FAMILY	REP			: 1.000	1.000	1.000	0.0
	(DETERIORATION FACTORS FOR =	AIR/THC/EGR/	/ / /CAN	FAMILY	REP			: 1.000	1.000	1.000	0.0
TOYOTA 2T-C(C) (97)	*COROLLA STATION WAGON	AIR/OC /EGR/	/ /CAN	97- 2	A	2500	4.10	0.2	3	1.1	0.
	*COROLLA 2DR SEDAN	AIR/OC /EGR/	/ /CAN	97- 2	A	2500	3.91	0.2	2	1.2	N/A
	*COROLLA 2DR SEDAN	AIR/OC /EGR/	/ /CAN	97- 2	M-4	2500	3.91	0.2	2	1.0	0.1
*COROLLA	*COROLLA 2DR SEDAN	AIR/OC /EGR/	/ /CAN	97- 2	M-4	2500	3.91	0.3	2	1.1	0.
*COROLLA WAGON	*COROLLA LIFTBACK-SPS	AIR/OC /EGR/	/ /CAN	97- 2	M-5	2500	4.10	0.2	2	1.1	0.
	(DETERIORATION FACTORS FOR =	AIR/OC /EGR/	/ /CAN	FAMILY	2T-C(C)			77: 1.000	1.143	1.000	0.0
2T-C(F) (97) COROLLA COROLLA WAGON	COROLLA STATION WAGON	AIR/EGR/	/ / /CAN	97- 2	A	2500	4.10	1.0	9	1.3	0.
	COROLLA 2DR SEDAN	AIR/EGR/	/ / /CAN	97- 2	A	2500	3.91	1.0	8	1.4	N/A
	COROLLA 2DR SEDAN	AIR/EGR/	/ / /CAN	97- 2	M-4	2500	3.91	1.1	9	1.5	0.
	COROLLA LIFTBACK-SPS	AIR/EGR/	/ / /CAN	97- 2	M-4	2500	4.10	1.1	9	1.8	0.
	(DETERIORATION FACTORS FOR =	AIR/EGR/	/ / /CAN	FAMILY	2T-C(F)			77: 1.000	1.000	1.000	0.0
20R(C) (134) *CORONA *CORONA WAGON *CELICA	*CELICA HARDTOP-ST	AIR/OC /EGR/	/ /CAN	134- 2	A	2750	3.73	0.2	3	1.0	N/A
	*CORONA STATION WAGON	AIR/OC /EGR/	/ /CAN	134- 2	A	3000	3.58	0.4	11	0.9	1.
	*CORONA STATION WAGON	AIR/OC /EGR/	/ /CAN	134- 2	A	3000	3.58	0.2	2	1.1	N/A
	*CELICA HARDTOP-GT	AIR/OC /EGR/	/ /CAN	134- 2	M-4	2750	3.58	0.2	2	0.9	N/A
	*CORONA 4DR SEDAN	AIR/OC /EGR/	/ /CAN	134- 2	M-4	3000	3.58	0.1	2	0.9	N/A
	*CELICA LIFTBACK-GT	AIR/OC /EGR/	/ /CAN	134- 2	M-5	3000	3.58	0.2	2	1.2	N/A
	(DETERIORATION FACTORS FOR =	AIR/OC /EGR/	/ /CAN	FAMILY	20R(C)			77: 1.074	1.036	1.000	0.0
20R(F) (134) CORONA CORONA WAGON CELICA	CELICA HARD TOP-ST	AIR/EGR/	/ / /CAN	134- 2	A	2750	3.72	0.9	8	1.6	0.
	CORONA STATION WAGON	AIR/EGR/	/ / /CAN	134- 2	A	3000	3.58	0.6	10	1.2	0.
	CELICA HARD TOP-ST	AIR/EGR/	/ / /CAN	134- 2	M-4	2750	3.58	0.7	9	1.4	N/A
	CORONA 4DR SEDAN	AIR/EGR/	/ / /CAN	134- 2	M-4	3000	3.58	0.6	14	1.3	0.
	CELICA LIFTBACK-GT	AIR/EGR/	/ / /CAN	134- 2	M-5	3000	3.58	0.9	10	1.5	0
	(DETERIORATION FACTORS FOR =	AIR/EGR/	/ / /CAN	FAMILY	20R(F)			77: 1.000	1.000	1.000	0.
3K-C(F) (71) COROLLA	COROLLA 2DR SEDAN	AIR/OC /EGR/	/ / /CAN	71- 2	M-4	2250	3.91	0.9	7	1.4	0.
	COROLLA 2DR SEDAN	AIR/OC /EGR/	/ / /CAN	71- 2	M-5	2250	4.10	0.6	6	1.4	N/A
	(DETERIORATION FACTORS FOR =	AIR/OC /EGR/	/ / /CAN	FAMILY	3K-C(F)			77: 1.000	1.000	1.000	0.
TVR TS (152) TVR	TVR 2500M	AIR/EGR/	/ / /CAN	152-	M-4	2500	3.45	1.2	13	1.8	0
	(DETERIORATION FACTORS FOR =	AIR/EGR/	/ / /CAN	FAMILY	TS			: 1.100	1.100	1.100	0.

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MANUFACTURER FAMILY DESIGNATION (CU. IN. DISPLACEMENT) CARLINES COVERED	TEST VEHICLES: TEST VEHICLE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISP. CARB. VEN- TURIS	TRANS. A/M CLASS	INERTIA WEIGHT CLASS (LBS.)	AXLE RATIO	CERTIFICATION LEVELS: EXHAUST EMISSIONS (GRAMS/MILE) HYDRO-CARBONS	CARBON MONOXIDE	OXIDES OF NITROGEN	EVAPORATIVE EMISSIONS (GMS/TEST) HYDROCARBONS
VOLVO 4CA (130) *240 M 240 WAGON	*244	FI /THC/OTH/ /	/CAN 130-FI	A	3500	3.91	0.2	2	0.2	N/A
	*244	FI /THC/OTH/ /	/CAN 130-FI	A	3000	3.91	0.2	3	0.1	N/A
	*244	FI /THC/OTH/ /	/CAN 130-FI	M-4	3500	3.91	0.2	3	0.2	N/A
	*244	FI /THC/OTH/ /	/CAN 130-FI	M-4	3000	3.91	0.2	3	0.2	N/A
	*244	FI /THC/OTH/ /	/CAN 130-FI	M-5	3500	3.91	0.3	4	0.2	0.7
	(DETERIORATION FACTORS FOR =	FI /THC/OTH/ /	/CAN	FAMILY	4CA			: 1.000	1.000	1.141	0.00
4FA (130) M 240 M 245 WAGON	244	FI /OC /EGR/ /	/CAN 130-FI	A	3500	3.91	0.4	6	1.3	N/A
	244	FI /OC /EGR/ /	/CAN 130-FI	A	3000	3.91	0.4	5	1.5	N/A
	244	FI /OC /EGR/ /	/CAN 130-FI	M-4	3500	3.91	0.5	10	1.3	N/A
	244	FI /OC /EGR/ /	/CAN 130-FI	M-4	3000	3.91	0.4	6	1.6	N/A
	244	FI /OC /EGR/ /	/CAN 130-FI	M-5	3500	3.91	0.5	6	1.5	0.2
	(DETERIORATION FACTORS FOR =	FI /OC /EGR/ /	/CAN	FAMILY	4FA			: 1.000	1.000	1.000	0.00
6CA (163) *245 *245 WAGON	*264	AIR/FI /OC /EGR/	/CAN 163-FI	A	3500	3.54	0.3	2	1.4	N/A
	*264	AIR/FI /OC /EGR/	/CAN 163-FI	M-5	3500	3.73	0.2	1	1.2	N/A
	(DETERIORATION FACTORS FOR =	AIR/FI /OC /EGR/	/CAN	FAMILY	6CA			: 1.000	1.000	1.000	0.00
6FA (163) M 260 M 265 WAGON	264	FI /OC /EGR/ /	/CAN 163-FI	A	3500	3.54	0.7	6	1.4	N/A
	264	FI /OC /EGR/ /	/CAN 163-FI	M-4	3500	3.73	0.5	6	1.4	N/A
	M 264	FI /OC /EGR/ /	/CAN 163-FI	M-5	3500	3.73	0.8	6	1.2	0.2
	(DETERIORATION FACTORS FOR =	FI /OC /EGR/ /	/CAN	FAMILY	6FA			: 1.000	1.000	1.000	0.00
VOLKSWAGEN DASHER CI (97) *DASHER *DASHER WAGON	*AUDI 80E STATION WAGON	FI /OC /EGR/ /	/CAN 97-FI	A	2500	3.91	0.1	1	1.1	0.0
	*AUDI 80E STATION WAGON	FI /OC /EGR/ /	/CAN 97-FI	A	2500	3.91	0.2	2	1.1	0.2
	*AUDI 80E SEDAN	FI /OC /EGR/ /	/CAN 97-FI	M-4	2500	4.11	0.1	1	0.8	0.0
	(DETERIORATION FACTORS FOR =	FI /OC /EGR/ /	/CAN	FAMILY	DASHER CI			: 1.000	1.000	1.000	0.00
DASHER FI (97) M DASHER M DASHER WAGON	AUDI 80E STATION WAGON	FI /EGR/ / /	/CAN 97-FI	A	2500	3.91	1.2	4	1.2	0.0
	M AUDI 80E SEDAN	FI /EGR/ / /	/CAN 97-FI	M-4	2500	4.11	1.5	6	1.5	0.0
	AUDI 80E SEDAN	FI /EGR/ / /	/CAN 97-FI	M-4	2500	4.11	1.4	6	1.4	0.0
	(DETERIORATION FACTORS FOR =	FI /EGR/ / /	/CAN	FAMILY	DASHER FI			: 1.136	1.000	1.000	0.04
FAMILY 32C (97) *RABBIT *SCIROCCO	*VW SERVICE	AIR/OC /EGR/ /	/CAN 97- 2	A	2250	3.76	0.2	4	1.5	0.0
	*VW SERVICE	AIR/OC /EGR/ /	/CAN 97- 2	M-4	2250	3.90	0.3	5	0.8	0.0
	(DETERIORATION FACTORS FOR =	AIR/OC /EGR/ /	/CAN	FAMILY	FAMILY 32C?(77)			: 1.000	1.000	1.000	0.00

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1977 MODEL YEAR LIGHT DUTY VEHICLES

MANUFACTURER FAMILY DESIGNATION (CU. IN. DISPLACEMENT) CARLINES COVERED	TEST VEHICLE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISP. CANH. VEN- TUBES	T M A N S	INERTIA WEIGHT CLASS (LBS.)	AXLE RATIO	CERTIFICATION LEVELS EXHAUST EMISSIONS (GRAMS/MILE) HYDRO-CARBONS	CARBON MON-OXIDE	OXIDES OF NITRO-GEN	EVAP. EMIS- SIO (GMS/ TES HYDRO CARBO
VOLKSWAGEN (CONTINUED)										
FAMILY 37 (97) H RABBIT H SCI-DOOO	RABBIT SEDAN 17	FI /EG-/ / /	/CAN 97-FI	A	2250	3.76	1.2	5	1.5	0.0
	RABBIT SEDAN 17	FI /EG-/ / /	/CAN 97-FI	M-4	2250	3.90	1.3	4	1.4	0.0
	RABBIT SEDAN 17	FI /EG-/ / /	/CAN 97-FI	M-4	2250	3.90	1.4	6	1.8	0.0
	(DETERIORATION FACTORS FOR -	FI /EG-/ / /	/CAN FAMILY	FAMILY 37			: 1.000	1.000	1.132	0.0
FAMILY 39 (97) *RABBIT *SCIROCCO	*RABBIT SEDAN 17	FI /OC /EGR/ /	/CAN 97-FI	A	2250	3.76	0.2	1	0.9	0.0
	*RABBIT SEDAN 17	FI /OC /EGR/ /	/CAN 97-FI	M-4	2250	3.90	0.1	1	0.9	0.0
	(DETERIORATION FACTORS FOR -	FI /OC /EGR/ /	/CAN FAMILY	FAMILY 39			: 1.000	1.000	1.000	0.0
FAMILY 46 (97) RABBIT SCIROCCO	RABBIT 17	AIR/OC /EGR/ /	/CAN 97- 1	M-4	2250	3.48	0.7	6	1.4	0.
	RABBIT 17	AIR/OC /EGR/ /	/CAN 97- 1	M-4	2250	3.70	0.4	6	1.4	0.
	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/ /	/CAN FAMILY	FAMILY 46			: 1.000	1.000	1.000	0.0
1 (97) H BEETLE	VW SEDAN 11	FI /EG-/ / /	/CAN 97-FI	M-4	2250	3.87	1.3	9	1.2	N/A
	VW CONVERTIBLE 15	FI /EG-/ / /	/CAN 97-FI	M-4	2500	3.87	1.3	9	1.5	N/A
	H VW SEDAN 11	FI /EG-/ / /	/CAN 97-FI	M-4	2250	3.87	1.3	9	1.5	N/A
	(DETERIORATION FACTORS FOR -	FI /EG-/ / /	/CAN FAMILY	1			: 1.099	1.000	1.000	0.0
2 (97) *BEETLE	*SEDAN 11	FI /OC /EGR/ /	/CAN 97-FI	M-4	2250	3.88	0.3	4	1.1	N/A
	*CONVERTIBLE 15	FI /OC /EGR/ /	/CAN 97-FI	M-4	2500	3.88	0.4	4	0.9	N/A
	(DETERIORATION FACTORS FOR -	FI /OC /EGR/ /	/CAN FAMILY	2			: 1.000	1.000	1.000	0.0

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MANUFACTURER FAMILY DESIGNATION (CU. IN. DISPLACEMENT) CARLINES COVERED	TEST VEHICLE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISP. CANH. VEN- TUBES	T M A N S	INERTIA WEIGHT CLASS (LBS.)	AXLE RATIO	CERTIFICATION LEVELS EXHAUST EMISSIONS (GRAMS/MILE) HYDRO-CARBONS	CARBON MON-OXIDE	OXIDES OF NITRO-GEN	EVAP. EMIS- SIO (GMS/ TES HYDRO CARBO
AMERICAN MOTORS										
I-T (232,258) POST OFFICE VEHICLE JEEP CJ-5 JEEP CJ-7	1/4 TON POST OFFICE VEH.	AIR/EGR/ / /	/CAN 232- 1	A	3000	3.07	1.4	14	2.6	0.2
	JEEP CJ-7	AIR/EGR/ / /	/CAN 232- 1	M-3	3000	4.09	1.5	14	1.4	N/A
	JEEP CJ-7	AIR/EGR/ / /	/CAN 258- 1	A	3500	3.54	1.5	17	2.8	N/A
	1/2 TON POST OFFICE VEH.	AIR/EGR/ / /	/CAN 258- 1	A	4000	3.73	1.3	19	2.9	0.2
	JEEP CJ-7	AIR/EGR/ / /	/CAN 258- 1	A	3500	4.09	1.3	12	2.0	N/A
	JEEP CJ-5	AIR/EGR/ / /	/CAN 258- 1	M-3	3000	3.54	1.3	15	2.2	N/A
	(DETERIORATION FACTORS FOR -	AIR/EGR/ / /	/CAN FAMILY	I-T			: 1.000	1.000	1.000	0.00
I-TC (232,258) *POST OFFICE VEHICLE *JEEP CJ-5 *JEEP CJ-7	*1/4TON POST OFFICE VEH.	AIR/OC /EGR/ /	/CAN 232- 1	A	3000	3.07	0.4	9	1.4	0.3
	*JEEP CJ-7	AIR/OC /EGR/ /	/CAN 258- 1	A	3500	3.54	0.4	4	2.0	N/A
	*JEEP CJ-7	AIR/OC /EGR/ /	/CAN 258- 1	A	3500	4.09	0.4	7	2.6	0.4
	*1/2TON PO FJ-5	AIR/OC /EGR/ /	/CAN 258- 1	A	4000	3.73	0.5	8	1.6	0.6
	*JEEP CJ-7	AIR/OC /EGR/ /	/CAN 258- 1	A	3500	4.09	0.4	7	1.2	N/A
	*JEEP CJ-7	AIR/OC /EGR/ /	/CAN 258- 1	M-3	3500	3.54	0.4	4	1.3	N/A
	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/ /	/CAN FAMILY	I-TC			: 1.000	1.000	1.000	0.00
I-TC(C/O) (232,258) *POST OFFICE VEHICLE *JEEP CJ-5 *JEEP CJ-7	*CJ-5D POST OFFICE VEH.	AIR/OC /EGR/ /	/CAN 232- 1	A	3000	3.07	0.6	8	1.7	N/A
	*JEEP CJ-7	AIR/OC /EGR/ /	/CAN 258- 1	A	3000	4.09	0.5	4	1.5	N/A
	*POST OFFICE VEH.	AIR/OC /EGR/ /	/CAN 258- 1	A	4000	3.73	0.6	7	1.5	N/A
	*CJ-5 SUB FOR C J-7	AIR/OC /EGR/ /	/CAN 258- 1	M-4	3000	4.09	0.7	6	1.7	N/A
	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/ /	/CAN FAMILY	I-TC-C/O			: 2.004	1.000	1.000	0.00
II-T (304) H JEEP CJ-5 H JEEP CJ-7	JEEP CJ-7	AIR/OC /EGR/ /	/CAN 304- 2	A	3500	4.09	0.8	11	2.9	N/A
	JEEP CJ-7	AIR/OC /EGR/ /	/CAN 304- 2	A	3500	3.54	1.3	19	2.8	N/A
	JEEP CJ-7	AIR/OC /EGR/ /	/CAN 304- 2	M-3	3500	4.09	1.3	10	2.9	N/A
	JEEP CJ-5	AIR/OC /EGR/ /	/CAN 304- 2	M-3	3500	3.54	1.9	18	2.2	N/A
	H JEEP CJ-7	AIR/OC /EGR/ /	/CAN 304- 2	M-3	3500	4.09	1.9	20	2.8	0.2
	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/ /	/CAN FAMILY	II-T			: 1.772	1.181	1.000	0.00
II-TC-C/O (304) *JEEP CJ-5 *JEEP CJ-7	*JEEP CJ-5	AIR/OC /EGR/ /	/CAN 304- 2	M-3	3500	3.54	0.8	10	1.9	N/A
	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/ /	/CAN FAMILY	II-TC-C/O			: 1.000	1.000	1.310	0.00
CHRYSLER										
T0-225-1-C (225) *DODGE PICKUP *DODGE VAN *RAMCHARGER *PLYMOUTH VAN	DODGE PLUS CAB PICKUP	OC /EGR/ / /	/CAN 225- 1	A	4000	3.21	0.9	17	1.2	N/A
	DODGE PICKUP	OC /EGR/ / /	/CAN 225- 1	A	4000	3.21	0.9	15	1.9	N/A
	DODGE VAN	OC /EGR/ / /	/CAN 225- 1	A	4000	3.55	0.9	14	1.9	N/A
	DODGE VAN	OC /EGR/ / /	/CAN 225- 1	M-3	4000	3.55	1.1	9	2.0	N/A
	RAMCHARGER	OC /EGR/ / /	/CAN 225- 1	M-4	4500	3.55	1.7	15	1.6	N/A
	DODGE PICKUP	OC /EG-/ / /	/CAN 225- 1	M-4	4000	3.55	1.5	16	1.9	N/A

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MANUFACTURER FAMILY DESIGNATION (CID, INCH DISPLACEMENT) CARLINES COVERED	TEST VEHICLES: TEST VEHICLE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISP.& CARB. VEN- TURIS	T R A N S	INERTIA WEIGHT CLASS (LBS.)	AXLE RATIO	CERTIFICATION LEVELS: EXHAUST EMISSIONS (GRAMS/MILE): HYDRO-CARBONS	CARBON MON-OXIDE	OXIDES OF NITRO-GEN	EVAP. EMISS. (GMS/TEST) HYDRO-CARBONS
FORD (CONTINUED)										
T302A1CV7 (302) PICKUP VAN (ECONOLINE) VAN (CLUB WAGON)	F-100 [illegible]	HC /EGR/	/	/	/CAN 302- 2 A	4000	2.75	1.0	14	2.5	0.9
	[illegible]	C /EGR/	/	/	/CAN 302- 2 A	4000	3.50	0.9	9	2.7	0.8
	(DETERIORATION FACTORS FOR -	HC /EGR/	/	/	/CAN FAMILY T302A1CV7			: 1.316	1.000	1.103	0.36
T351WA1CV7 (351-400) PICKUP	F-[illegible]	AIR/OC /EGR/	/	/	/CAN 351- 2 A	4500	2.75	0.8	6	2.1	1.9
	F-[illegible]	AIR/OC /EGR/	/	/	/CAN 351- 2 A	4500	2.75	0.6	2	1.8	1.1
	F-[illegible]	AIR/OC /EGR/	/	/	/CAN 351- 2 A	4500	2.75	0.7	9	2.3	0.6
	F-100 [illegible]	AIR/OC /EGR/	/	/	/CAN 351- 2 M-4	4500	3.50	1.1	8	2.4	0.8
	F-100 [illegible]	AIR/OC /EGR/	/	/	/CAN 400- 2 A	4500	3.25	0.9	9	2.2	0.6
	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/	/	/	/CAN FAMILY T351WA1CV7			: 1.322	1.146	1.000	0.34
T351WA1CV7 (351) VAN (ECONOLINE) VAN (CLUB WAGON)	F-100 [illegible] VAN	AIR/OC /EGR/	/	/	/CAN 351- 2 A	4500	2.75	1.2	15	1.3	1.3
	F-100 [illegible] VAN	AIR/OC /EGR/	/	/	/CAN 351- 2 M-3	4500	3.00	1.4	13	1.2	1.4
	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/	/	/	/CAN FAMILY T351WA1CV7			: 1.445	1.310	1.000	1.16
T351W41CV7 (351) W VAN (ECONOLINE) W VAN (CLUB WAGON)	W F100/[illegible] VAN	AIR/OC /EGR/	/	/	/CAN 351- 2 M-3	4500	3.25	1.6	6	1.3	1.4
	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/	/	/	/CAN FAMILY T351W41CV7			: 2.048	1.102	1.000	0.01
(GM) CHEVROLET T12F1W (250) W CHEVROLET PICKUP W CHEVROLET VAN W GMC PICKUP W GMC VAN	CHEVY VAN	HC /EGR/OTH/	/	/	/CAN 250- 1 A	4000	3.73	0.8	11	2.1	0.6
	FLEETSIDE PICKUP	HC /EGR/OTH/	/	/	/CAN 250- 1 A	4500	3.40	0.9	10	2.2	0.1
	W SPANVILLE SPORT VAN	HC /EGR/OTH/	/	/	/CAN 250- 1 M-3	4000	3.73	1.6	20	2.5	0.3
	STEPSIDE	HC /EGR/OTH/	/	/	/CAN 250- 1 M-3	4000	3.40	1.3	8	1.9	0.0
	FLEETSIDE PICKUP	HC /EGR/OTH/	/	/	/CAN 250- 1 M-3	4500	3.40	1.1	8	2.8	0.0
	FLEETSIDE PICKUP	HC /EGR/OTH/	/	/	/CAN 250- 1 M-4	4500	3.73	1.1	9	3.0	0.1
	(DETERIORATION FACTORS FOR -	HC /EGR/OTH/	/	/	/CAN FAMILY T12F1W			: 1.557	1.074	1.047	0.00
T12J4 (350) W CHEVROLET PICKUP W CHEVROLET VAN W GMC PICKUP W GMC VAN	W CHEVROLET SPORT VAN	AIR/OC /EGR/OTH/	/	/	/CAN 350- 4 A	5000	3.73	1.1	14	2.6	0.0
	FLEETSIDE PICKUP	AIR/OC /EGR/OTH/	/	/	/CAN 350- 4 A	4500	3.07	0.6	3	1.4	0.0
	SPORT VAN	AIR/OC /EGR/OTH/	/	/	/CAN 350- 4 A	4500	2.76	0.6	3	1.6	0.1
	STEPSIDE	AIR/OC /EGR/OTH/	/	/	/CAN 350- 4 M-3	4500	3.07	0.9	10	1.4	0.0
	FAMILLE SPORT VAN	AIR/OC /EGR/OTH/	/	/	/CAN 350- 4 M-3	5000	3.40	1.0	10	1.6	0.4
	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/OTH/	/	/	/CAN FAMILY T12J4			: 1.414	1.187	1.000	0.01

1977 MODEL YEAR LIGHT DUTY TRUCKS

MANUFACTURER FAMILY DESIGNATION (CID, INCH DISPLACEMENT) CARLINES COVERED	TEST VEHICLES: TEST VEHICLE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISP.& CARB. VEN- TURIS	T R A N S	INERTIA WEIGHT CLASS (LBS.)	AXLE RATIO	CERTIFICATION LEVELS: EXHAUST EMISSIONS (GRAMS/MILE): HYDRO-CARBONS	CARBON MON-OXIDE	OXIDES OF NITRO-GEN	EVAP. EMISS. (GMS/TEST) HYDRO-CA
CHRYSLER W TRAILDUSTER	(CONTINUED)									
	(DETERIORATION FACTORS FOR -	HC /EGR/	/	/	/CAN FAMILY TD-225-1-C			: 1.321	1.264	1.030	0
TD-318-2-C (318) W DODGE PICKUP W DODGE PICKUP W RAMCHARGER W PLYMOUTH VAN W TRAILDUSTER	[illegible]	HC /EGR/	/	/	/CAN 318- 2 A	4500	3.55	0.8	14	1.5	
	[illegible]	HC /EGR/	/	/	/CAN 318- 2 A	4000	3.21	0.6	6	2.9	N/
	W DODGE CLUB CAB & VAN	HC /EGR/	/	/	/CAN 318- 2 A	4000	2.71	0.6	11	1.7	
	[illegible]	HC /EGR/	/	/	/CAN 318- 2 M-3	4000	2.71	0.9	16	1.9	N/
	W DODGE SPORT VAN	HC /EGR/	/	/	/CAN 318- 2 M-4	4500	3.21	1.1	16	2.8	N/
	[illegible]	HC /EGR/	/	/	/CAN 318- 2 M-4	4500	3.55	0.9	15	2.2	
	(DETERIORATION FACTORS FOR -	HC /EGR/	/	/	/CAN FAMILY TD-318-2-C			: 1.000	1.000	1.092	0
TD-360-2-4 (360) DODGE PICKUP DODGE PICKUP RAMCHARGER PLYMOUTH VAN TRAILDUSTER	[illegible]	HC /EGR/	/	/	/CAN 360- 2 A	4500	2.71	1.0	8	2.8	
	DODGE CLUB CAB 1-0 VAN	HC /EGR/	/	/	/CAN 360- 2 A	4500	2.71	0.7	16	2.4	
	[illegible]	HC /EGR/	/	/	/CAN 360- 2 A	4500	3.55	0.7	9	2.5	
	DODGE PICKUP	HC /EGR/	/	/	/CAN 360- 2 A	4000	3.55	0.8	12	2.8	N/
	(DETERIORATION FACTORS FOR -	HC /EGR/	/	/	/CAN FAMILY TD-360-2-4			: 1.279	1.000	1.274	0
FORD) T300A1CV7 (300) PICKUP VAN (ECONOLINE) VAN (CLUB WAGON)	F-100 (Low) SUPERCAB PKU	AIR/OC /EGR/	/	/	/CAN 300- 1 A	4500	2.75	1.3	16	1.2	
	F-100 (Low) PICKUP	AIR/OC /EGR/	/	/	/CAN 300- 1 M-3	4000	3.00	1.0	18	2.7	
	F-100 (Low) CLUB WA	AIR/OC /EGR/	/	/	/CAN 300- 1 M-4	4000	3.00	1.0	9	1.5	
	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/	/	/	/CAN FAMILY T300A1CV7			: 1.401	1.818	1.000	0
T300C1CV7 (300) PICKUP VAN (ECONOLINE) VAN (CLUB WAGON)	F-100 [illegible]	AIR/OC /EGR/	/	/	/CAN 300- 1 A	4500	3.25	1.0	18	1.6	
	F-100 [illegible] VAN	AIR/OC /EGR/	/	/	/CAN 300- 1 A	4000	2.75	0.5	8	1.9	
	F-100 [illegible]	AIR/OC /EGR/	/	/	/CAN 300- 1 M-3	4000	3.00	0.9	11	1.6	
	F-100 [illegible] CLUB WAGON	AIR/OC /EGR/	/	/	/CAN 300- 1 M-3	4500	2.75	1.2	20	1.4	
	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/	/	/	/CAN FAMILY T300C1CV7			: 1.000	1.000	1.000	0
T302A1CV7 (302) PICKUP VAN (ECONOLINE)	F-100 [illegible]	AIR/OC /EGR/	/	/	/CAN 302- 2 A	4000	2.75	0.5	7	1.4	
	[illegible]	AIR/OC /EGR/	/	/	/CAN 302- 2 A	4000	3.50	0.9	11	1.2	
	W F-100 [illegible]	AIR/OC /EGR/	/	/	/CAN 302- 2 A	4000	2.75	0.8	6	2.1	N/
	F-100 [illegible]	AIR/OC /EGR/	/	/	/CAN 302- 2 M-3	4000	3.00	0.9	8	2.6	
	W F-100 [illegible]	AIR/OC /EGR/	/	/	/CAN 302- 2 M-3	4000	3.50	1.1	10	2.1	
	F-100 [illegible]	AIR/OC /EGR/	/	/	/CAN 302- 2 M-3	4000	2.75	0.5	6	1.2	
	[illegible]	AIR/OC /EGR/	/	/	/CAN 302- 2 M-3	4000	4.11	0.7	6	2.8	
	(DETERIORATION FACTORS FOR -	AIR/OC /EGR/	/	/	/CAN FAMILY T302A1CV7			: 1.167	1.571	1.000	0

1977 MODEL YEAR LIGHT DUTY TRUCKS

MANUFACTURER / FAMILY DESIGNATION (CU. IN. DISPLACEMENT) / CARBURETOR CO/FEED	TEST VEHICLE	TEST VEHICLE LEVEL	EMISSION CONTROL SYSTEM	ENGINE DISPL. CU. IN.	ENGINE TYPE	NO. CYLS.	TRANS. TYPE	INERTIA WEIGHT CLASS	AXLE RATIO	CERTIFICATION LEVELS: EXHAUST EMISSIONS (GRAMS/MILE) HYDRO-CARBONS	CARBON MON-OXIDE	OXIDES OF NITRO-GEN	EVAP. EMISS. (GMS/TEST) HYDRO-CARBONS
(GM) CHEVROLET (CONTINUED)													
712J4H (350) CHEVROLET PICKUP, SPORT VAN, CHEVROLET VAN, GMC PICKUP, GMC VAN	FLEETSIDE PICKUP	0C	/EGR/OTH/	/CAN 350	4	A	4500	3.07	0.7	9	1.8	0.
	SPORT VAN	0C	/EGR/OTH/	/CAN 350	4	A	5000	2.76	0.9	8	2.2	0.
	SPORT VAN	0C	/EGR/OTH/	/CAN 350	4	M-3	5000	3.40	0.8	10	2.4	0.
	SPORT VAN	0C	/EGR/OTH/	/CAN 350	4	M-3	4500	3.40	1.4	4	1.7	0.
	FLEETSIDE PICKUP	0C	/EGR/OTH/	/CAN 350	4	M-4	5000	3.40	1.2	15	2.1	0.
	DETERIORATION FACTORS FOR =	0C	/EGR/OTH/	/CAN FAMILY 712J4H					: 1.029	1.661	1.009	0.
712R4D (454) CHEVROLET PICKUP, GMC PICKUP	STEPSIDE PICKUP	1R	/EGR/OTH/	/CAN 454	4	A	5000	3.73	1.7	16	2.0	0.
	FLEETSIDE PICKUP	1R	/EGR/OTH/	/CAN 454	4	A	5000	3.07	1.1	13	2.0	0.
	FLEETSIDE PICKUP	1R	/EGR/OTH/	/CAN 454	4	A	5000	3.07	1.7	19	2.0	0.
	DETERIORATION FACTORS FOR =	1R	/EGR/OTH/	/CAN FAMILY 712R4D					: 1.268	1.000	1.000	0.
712Y2 (305) CHEVROLET PICKUP, CHEVROLET VAN, GMC PICKUP, GMC VAN	CHEVY VAN	0C	/EGR/OTH/	/CAN 305	2	A	4500	2.76	0.6	6	2.6	0.
	FLEETSIDE PICKUP	0C	/EGR/OTH/	/CAN 305	2	A	4500	3.07	0.6	4	2.7	0.
	CHEVY VAN	0C	/EGR/OTH/	/CAN 305	2	A	4500	2.76	0.6	7	2.6	0.
	CHEVY VAN	0C	/EGR/OTH/	/CAN 305	2	M-3	4500	3.40	0.9	4	2.8	0.
	FLEETSIDE	0C	/EGR/OTH/	/CAN 305	2	M-3	4500	3.07	1.2	7	2.7	0.
	DETERIORATION FACTORS FOR =	0C	/EGR/OTH/	/CAN FAMILY 712Y2					: 1.215	1.000	1.000	0.
ISUZU												
G1B07L-E (111) LUV, LUV PICKUP	LUV	1R	/OC /EGR/	/CAN 111	2	A	2750	4.10	0.4	10	1.6	N/A
	LUV	1R	/OC /EGR/	/CAN 111	2	A	3000	4.10	0.3	8	1.5	N/A
	LUV	1R	/OC /EGR/	/CAN 111	2	M4	2750	4.10	0.5	20	0.6	N/A
	LUV	1R	/OC /EGR/	/CAN 111	2	M4	2750	4.10	0.3	5	1.3	N/A
	LUV	1R	/OC /EGR/	/CAN 111	2	M4	3000	4.10	0.3	4	1.4	N/A
	DETERIORATION FACTORS FOR =	1R	/OC /EGR/	/CAN FAMILY G1B07L-E					: 1.867	2.008	1.000	0.
G1B07L-F (111) LUV, LUV PICKUP	LUV	1R	/EGR/	/CAN 111	2	A	2750	4.10	1.2	13	2.4	0.
	LUV	1R	/EGR/	/CAN 111	2	A	3000	4.10	1.2	15	2.4	0.
	LUV	1R	/EGR/	/CAN 111	2	M-4	2750	4.10	1.6	12	2.4	0.
	LUV	1R	/EGR/	/CAN 111	2	M-4	3000	4.10	0.9	13	2.0	N/A
	DETERIORATION FACTORS FOR =	1R	/EGR/	/CAN FAMILY G1B07L-F					: 1.000	1.000	1.000	0.
NISSAN												
N101 (119) DATSUN PICKUP	DATSUN PICKUP	1R	/EGR/	/CAN 119	2	A	2750	4.11	1.5	13	2.4	0
	DATSUN PICKUP	1R	/EGR/	/CAN 119	2	M-4	2750	4.38	1.3	11	2.2	0
	DATSUN PICKUP	1R	/EGR/	/CAN 119	2	M-5	2750	4.38	1.3	13	2.4	0
	DETERIORATION FACTORS FOR =	1R	/EGR/	/CAN FAMILY N101					: 1.000	1.000	1.000	0.

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MANUFACTURER / FAMILY DESIGNATION (CU. IN. DISPLACEMENT) / CARBURETOR CO/FEED	TEST VEHICLE	TEST VEHICLE LEVEL	EMISSION CONTROL SYSTEM	ENGINE DISPL. CU. IN.	ENGINE TYPE	NO. CYLS.	TRANS. TYPE	INERTIA WEIGHT CLASS	AXLE RATIO	CERTIFICATION LEVELS: EXHAUST EMISSIONS (GRAMS/MILE) HYDRO-CARBONS	CARBON MON-OXIDE	OXIDES OF NITRO-GEN	EVAP. EMISS. (GMS/TEST) HYDRO-CARBONS
NISSAN (CONTINUED)													
N102 (119) DATSUN PICKUP	DATSUN PICKUP	1R	/OC /EGR/	/CAN 119	2	A	2750	4.11	0.7	12	1.4	0.2
	DATSUN PICKUP	1R	/OC /EGR/	/CAN 119	2	A	3750	4.11	0.5	7	1.6	0.1
	DATSUN PICKUP	1R	/OC /EGR/	/CAN 119	2	M-4	2750	4.38	0.3	4	1.4	0.0
	DATSUN PICKUP	1R	/OC /EGR/	/CAN 119	2	M-5	2750	4.38	0.6	8	1.4	0.2
	DETERIORATION FACTORS FOR =	1R	/OC /EGR/	/CAN FAMILY N102					: 1.121	1.094	1.000	0.00
TOYO KOGY CVRT (110) COMMER PICKUP, M MAZDA B 1800 PICKUP, M COMMER PICKUP, M COMMER CAB CHASSIS	COMMER PICKUP	1R	/OC /EGR/	/CAN 110	2	M-5	3000	3.63	0.8	12	1.2	0.0
	COMMER PICKUP	1R	/OC /EGR/	/CAN 110	2	M-5	3000	3.63	0.8	15	1.2	0.1
	DETERIORATION FACTORS FOR =	1R	/OC /EGR/	/CAN FAMILY CVRT					: 1.227	1.435	1.000	0.00
CWRT (140) COMMER PICKUP	COMMER PICKUP	1R	/OC /EGR/	/CAN 140	2	A	3000	3.64	0.6	5	1.3	0.0
	COMMER PICKUP	1R	/OC /EGR/	/CAN 140	2	M-5	3000	3.64	0.5	3	1.1	0.0
	DETERIORATION FACTORS FOR =	1R	/OC /EGR/	/CAN FAMILY CWRT					: 1.231	1.045	1.000	0.00
FVRT (110) M MAZDA B 1800 PICKUP, C COMMER PICKUP, C COMMER CAB CHASSIS	COMMER PICKUP	1R	/EGR/	/CAN 110	2	M-5	3000	3.63	1.9	17	1.8	1.2
	DETERIORATION FACTORS FOR =	1R	/EGR/	/CAN FAMILY FVRT					: 1.000	1.166	1.000	0.00
FWRT (140) PICKUP, M MAZDA B 1800 PICKUP, M COMMER PICKUP, M COMMER CAB CHASSIS	COMMER PICKUP	1R	/EGR/	/CAN 140	2	A	3000	3.64	1.8	20	2.1	0.0
	COMMER PICKUP	1R	/EGR/	/CAN 140	2	M-5	3000	3.64	1.6	14	1.5	0.0
	COMMER PICKUP	1R	/EGR/	/CAN 140	2	M-5	3000	3.64	1.8	15	2.2	0.2
	DETERIORATION FACTORS FOR =	1R	/EGR/	/CAN FAMILY FWRT					: 1.007	1.032	1.000	0.00
RET (40) M MAZDA ROTARY PICKUP	MAZDA ROTARY PICKUP	1R	/EGR/	/CAN 40	4	A	3000	3.90	0.6	6	0.9	N/A
	MAZDA ROTARY PICKUP	1R	/EGR/	/CAN 40	4	A	3000	3.90	0.5	6	0.9	N/A
	MAZDA ROTARY PICKUP	1R	/EGR/	/CAN 40	4	M-5	3000	3.90	1.3	13	0.7	0.0
	MAZDA ROTARY PICKUP	1R	/EGR/	/CAN 40	4	M-5	3000	3.90	0.8	11	0.9	N/A
	MAZDA ROTARY PICKUP	1R	/EGR/	/CAN 40	4	M-5	3000	3.90	0.7	7	0.5	N/A
	DETERIORATION FACTORS FOR =	1R	/EGR/	/CAN FAMILY RET					: 1.000	1.000	1.000	0.00

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1977 MODEL YEAR LIGHT DUTY TRUCKS

MANUFACTURER / FAMILY DESIGNATION (CU. IN. DISPLACEMENT) / CARLINES COVERED	TEST VEHICLE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISP. & CARB. VEN- DERS	T R A N S	INERTIA WEIGHT CLASS (LBS.)	AXLE RATIO	CERTIFICATION LEVEL: EXHAUST EMISSIONS (GRAMS/MILE) HYDRO-CARBONS	CARBON MON-OXIDE	OXIDES OF NITRO-GEN	E
TOYOTA										
2F(C)	*LAND CRUISER ST. WGN	-IN/TH/EGR/ / /	/CAN 258-	2 M-4	4500	4.11	0.6	13	1.6	
(258)	*LAND CRUISER HARDTOP	-IN/TH/EGR/ / /	/CAN 258-	2 M-4	4000	4.11	0.4	10	1.6	
*LAND CRUISER										
*LAND CRUISER WAGON										
	(DETERIORATION FACTORS FOR -	-IN/TH/EGR/ / /	/CAN FAMILY 2F(C)			77:	1.000	1.000	1.000	
2F(F)	LAND CRUISER HARDTOP	-IN/EGR/ / /	/CAN 258-	2 M-4	4000	4.11	1.3	14	2.4	
(258)	LAND CRUISER ST. WGN	-IN/EGR/ / /	/CAN 258-	2 M-4	4500	4.11	1.4	17	2.4	
H LAND CRUISER	*LAND CRUISER HARDTOP	-IN/EGR/ / /	/CAN 258-	2 M-4	4000	4.11	1.9	16	2.3	
LAND CRUISER WAGON										
	(DETERIORATION FACTORS FOR -	-IN/EGR/ / /	/CAN FAMILY 2F(F)			77:	1.000	1.000	1.000	
20R(TC)	*HILUX PICKUP TRUCK	-IN/OC/EGR/ / /	/CAN 134-	2 A	2750	4.11	0.3	5	1.6	N
(134)	*HILUX PICKUP TRUCK	-IN/OC/EGR/ / /	/CAN 134-	2 M-4	3500	4.11	0.4	7	1.2	N
HILUX	*HILUX PICKUP TRUCK	-IN/OC/EGR/ / /	/CAN 134-	2 M-5	2750	4.11	0.3	5	1.0	
*HILUX CHASSIS CAB	*HILUX PICKUP TRUCK	-IN/OC/EGR/ / /	/CAN 134-	2 M-5	2750	4.11	0.3	6	1.4	N
	(DETERIORATION FACTORS FOR -	-IN/OC/EGR/ / /	/CAN FAMILY 20R(TC)			77:	1.074	1.036	1.000	
20R(TF)	*HILUX PICKUP TRUCK	-IN/EGR/ / /	/CAN 134-	2 A	2750	4.11	1.0	11	0.9	
(134)	*HILUX PICKUP TRUCK	-IN/EGR/ / /	/CAN 134-	2 M-4	3500	4.11	1.0	11	2.4	N
HILUX	*HILUX PICKUP TRUCK	-IN/EGR/ / /	/CAN 134-	2 M-5	2750	4.11	1.4	13	2.3	
HILUX CHASSIS CAB										
	(DETERIORATION FACTORS FOR -	-IN/EGR/ / /	/CAN FAMILY 20R(TF)			77:	1.000	1.000	1.000	
VOLKSWAGEN										
FAMILY 10	*VW STATION WAGON	FI /OC /EGR/ /	/CAN 120-FI	A	3500	4.09	0.5	11	1.6	
(120)	*VW STATION WAGON	FI /OC /EGR/ /	/CAN 120-FI	M-4	3500	4.57	0.5	11	1.0	
*BUS (WGN,KOMBI,PHL)										
	(DETERIORATION FACTORS FOR -	FI /OC /EGR/ /	/CAN FAMILY FAMILY 10			:	1.078	1.000	1.094	
FAMILY 9	STATION WAGON 22	FI /EGR/ / /	/CAN 120-FI	A	3500	4.09	1.3	10	3.0	
(120)	STATION WAGON 22	FI /EGR/ / /	/CAN 120-FI	M-4	3500	4.57	2.0	15	2.4	
H BUS (WGN,KOMBI,PHL)*	STATION WAGON 22	FI /EGR/ / /	/CAN 120-FI	M-4	3500	4.57	1.9	15	2.6	
	(DETERIORATION FACTORS FOR -	FI /EGR/ / /	/CAN FAMILY FAMILY 9			:	1.242	1.000	1.074	

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MANUFACTURER / FAMILY DESIGNATION (CU. IN. DISPLACEMENT) / CARLINES COVERED	TEST VEHICLE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISP. & CARB. VEN- DERS	T R A N S	INERTIA WEIGHT CLASS (LBS.)	AXLE RATIO	CERTIFICATION LEVELS: EXHAUST EMISSIONS (GRAMS/MILE) HYDRO-CARBONS	CARBON MON-OXIDE	OXIDES OF NITRO-GEN	EVAP. EMISSIONS (GMS/TEST) HYDRO-CARBONS
MERCEDES-BENZ										
77/2/L-40/2.4	*MB 123 (240 D)	FI / / / /	/NON 147-FI	A	3500	3.69	0.2	2	1.6	N/A
(147)	*MB 123 (240 D)	FI / / / /	/NON 147-FI	A	3500	3.69	0.4	1	1.6	N/A
*240 D	*MB 123 (240 D)	FI / / / /	/NON 147-FI	M-4	3500	3.69	0.4	1	1.4	N/A
	(DETERIORATION FACTORS FOR -	FI / / / /	/NON FAMILY 77/2/L-40/2.4			:	1.000	1.000	1.000	N/A
77/2/L-50/3.0	*MB 123 (300 D)	FI / / / /	/NON 183-FI	A	4000	3.46	0.3	1	1.7	N/A
(183)	*MB 123 (300 D)	FI / / / /	/NON 183-FI	A	4000	3.46	0.5	1	1.8	N/A
*300 D										
	(DETERIORATION FACTORS FOR -	FI / / / /	/NON FAMILY 77/2/L-50/3.0			:	1.000	1.000	1.000	N/A
PEUGEOT										
XD	*504 STATION WAGON	FI / / / /	/NON 141-FI	A	3500	4.22	0.4	2	1.6	N/A
(141)	*504 SEDAN	FI / / / /	/NON 141-FI	A	3500	3.89	0.5	2	1.6	N/A
*504 DIESEL	*504 STATION WAGON	FI / / / /	/NON 141-FI	A	3500	4.22	0.6	3	1.3	N/A
*504 DIESEL SEDAN	*504 SEDAN	FI / / / /	/NON 141-FI	M-4	3500	3.89	0.7	3	1.5	N/A
	*504 STATION WAGON	FI / / / /	/NON 141-FI	M-4	3500	4.22	0.8	3	1.4	N/A
	(DETERIORATION FACTORS FOR -	FI / / / /	/NON FAMILY XD			:	1.012	1.453	1.262	N/A
VOLKSWAGEN										
D	*RABBIT SEDAN 17	NON/ / / /	/NON 90-FI	M-4	2500	4.10	0.5	1	1.5	N/A
(90)	*RABBIT SEDAN 17	NON/ / / /	/NON 90-FI	M-4	2250	3.90	0.3	1	1.4	N/A
RABBIT DIESEL	*RABBIT SEDAN 17	NON/ / / /	/NON 90-FI	M-4	2250	3.90	0.2	1	1.2	N/A
*RABBIT DIESEL										
*RABBIT WAGON DIESEL										
	(DETERIORATION FACTORS FOR -	NON/ / / /	/NON FAMILY D			:	1.000	1.000	1.308	N/A

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